AUTHOR INDEX

1978, Volume 40

ABE, H., *see* Inoue, M. *et al.*
ABRAMS, D., *see* Chandraratna, P. A. N. *et al.*
ADAMS, D. F., *see* Green, L. H. *et al.*
ADAMS, L., *see* Stephens, J. *et al.*
ADAMS, W., *see* Fulton, M. *et al.*
ADGEY, A. A. J. Electrical energy requirements for ventricular defibrillation: editorial. 1197
— *see also* Campbell, N. P. S. *et al.*
ADVANCES IN MEDICINE CONFERENCE. London, 23-28 July 1978, notice. 209
AHMAD, M. (& Sanderson, J. E., Dubowitz, V., Hallidie-Smith, K. A.). Echocardiographic assessment of left ventricular function in Duchenne's muscular dystrophy. 734
— (& Thompson, R., Fawzy, E., Towers, M., Yacoub, M.). Survival after coronary artery bypass grafting: review of 7 years' experience. 449, *P.*
— *see also* Thompson, R. *et al.*
Yacoub, M. *et al.*
AHNVE, S., *see* Shoaleh-var, M. *et al.*
AHUJA, R. C., *see* Sharma, R. K. *et al.*
AINTABLIAN, A., *see* Glaser, R. *et al.*
ALDERMAN, E. L., *see* Mason, J. W. *et al.*
ALLWORK, S. P. (& Anderson, R. H.). Remodelling of membranous septum throughout life and its relevance to defective ventricular septation. 463, *P.*
ALONSO, M., *see* Cardiel, E. A. *et al.*
AMBOS, H. D., *see* Gowda, S. K. *et al.*
ANDERSON, R. H., *see* Allwork, S. P. & Anderson, R. H.
Sapsford, R. N. *et al.*
Wilkinson, J. L. *et al.*
ANDERSON, R. I., *see* Becker, A. E. *et al.*
ANDERSON, S. T., *see* Federman, J. *et al.*
ANDO, M., *see* Mori, K. *et al.*
ANGELSEN, B., *see* Hatle, L. *et al.*
ARAKI, S., *see* Sawayama, T. *et al.*
ARANDA, J., *see* El-Sherif, N. *et al.*
ARI, E. BEN (& Kellermann, J. J., Lapitod, C., Drory, Y., Fisman, E., Hayat, M.). Effect of prolonged intensive training on cardiorespiratory response in patients with angina pectoris. 1143
ARINIEGO, R., *see* Hjalmarsson, A. *et al.*
ARIZA, S. (& Rafel, E., Castillo, J. A., Garcia-Canton, J. A.). Intracardiac heterotopia-mesenchymal and endodermal: case report. 325
ARAMANINI, D., *see* Fallo, F. *et al.*
ARMSTRONG, P., *see* Jackson, G. *et al.*
ARMSTRONG, T. G. (& Mitha, A. S., Matisonn, R. E., Weir, E. K., Chesler, E.). Non-invasive observations on initial low frequency vibrations of the first heart sound—correlation with the 'presystolic' murmur in mitral stenosis. 750
ASIA Pacific Congress, VIth, on the Diseases of the Chest (the Heart and Lungs), Bombay, 18-22 November 1979, notice. 824
ASTLEY, R., *see* Singh, S. P. *et al.*
ATKINSON, L., *see* Jackson, G. *et al.*
Richardson, P. J. *et al.*
Rothman, M. T. *et al.*
AUBERT, J. (& Pannetier, A., Couvelly, J. P., Unal, D., Rouault, F., Delarue, A.). Transposition of the great arteries. New technique for anatomical correction: case report. 204

BACKMAN, L., *see* Freyschuss, U. *et al.*
BAIN, W. H., *see* Taylor, K. M. *et al.*
BAKER, W. P., *see* Shaver, P. J. *et al.*
BALASUBRAMANIAN, V. (& Mathew, O. P., Tiwari, S. C., Behl, A., Sharma, S. C., Hoon, R. S.). Alterations in left ventricular function in normal man on exposure to high altitude (3658m). 276
— — (Behl, A., Tewari, S. C., Hoon, R. S.). Electrical impedance cardiogram in derivation of systolic time intervals. 268
BALCON, R., *see* Donaldson, R. M. *et al.*
BALL, H. G., *see* Spodick, D. H. *et al.*
BARBER, P. V , *see* Bell, R. *et al.*
BARNARD, C. N., *see* Forman, R. *et al.*
BARNES, R. W., *see* Schieken, R. M. *et al.*
BASS, N. M. (& Roche, A. H. G., Brandt, P. W. T., Neutze, J. M.). Echocardiography in assessment of infants with complete d-transposition of great arteries. 1165
BASU, B. (& Cherian, G., Krishnaswami, S., Sukumar, I. P., John, S.). Severe pulmonary hypertension in advanced aortic valve disease. 1310
BAXTER, P. J., *see* Rose, G. *et al.*
BAXTER, R. H. (& Reid, J. M., McGuinness, J. B., Stevenson, J. G.). Relation of angina to coronary artery disease in mitral and in aortic valve disease. 918
— *see also* Semple, T. *et al.*
BEAMISH, R. E., *see* Corne, R. A. *et al.*
BECK, W., *see* Forman, R. *et al.*
BECKER, A. E. (& Lie, K. I., Anderson, R. H.). Bundle-branch block in the setting of acute anteroseptal myocardial infarction. 773
— *see also* Caruso, G. *et al.*
Gittenberger-de Groot, A. C. *et al.*
BECÚ, L., *see* Somerville, J. & Becú, L.
BEFELER, B., *see* El-Sherif, N. *et al.*
BEHL, A., *see* Balasubramanian, V. *et al.*
BELL, E. J., *see* Wood, S. F. *et al.*
BELL, R. (& Barber, P. V., Bray, C. L., Beton, D. C.). Incidence of thyroid disease in cases of hypertrophic cardiomyopathy. 1306
BENEKEN, J. E. W., *see* van der Hoeven, G. M. A. *et al.*
BENGTSSON, C. Characteristics of women with angina pectoris. Results from a longitudinal population study in Göteborg, Sweden. 441, *P.*
BENJAMIN, J. D., *see* Cassel, G. A. *et al.*
BENNETT, D. H. (& Gribbin, B., Birkhead, J. S.). Identical twins with differing forms of ventricular pre-excitation. 147
BENSON, M. K., *see* Decalmer, P. B. S. *et al.*
BEPPU, S. (& Nimura, Y., Tamai, M., Nagata, S., Matsuo, H., Kawashima, Y., Kozuka, T., Sakakibara, H.). Two-dimensional echocardiography in diagnosing tricuspid atresia. 1174

BERGLUND, G., *see* Wikstrand, J. *et al.*

BERGSTRAND, R. (& Vedin, A., Wilhelmsson, C., Wallin, J., Wedel, H., Wilhelmsen, L.). Myocardial infarction among men below age 40. 783

BERRY, C. L. Hypertension and arterial development. 709

BESANA, D., *see* Venco, A. *et al.*

BESSENT, R. G., *see* McKillop, J. H. *et al.*

BESTERMAN, E.: The Evan Bedford Library of Cardiology and its catalogue: editorial. 707

BETON, D. C., *see* Bell, R. *et al.*

BIASE, M. DI, *see* Di Biase, M.

BIRKHEAD, J., *see* Robinson, C. *et al.*

BIRKHEAD, J. S., *see* Bennett, D. H. *et al.*

BISHOP, C., *see* Craig, M. W. M. *et al.*

BLANCQUAERT, A. DEVLOO-, *see* Devloo-Blancquaert, A.

BORER, J. S., *see* Maron, B. J. *et al.*

BOURDILLON, P. D. V. (& Monro, J. L., Johnson, A. M.). Left atrial myxoma with aortic regurgitation: case report. 575

BOYLETT, A., *see* Sayer, R. E. *et al.*

BRADFIELD, J. W. B., *see* Vecht, R. J. & Bradfield, J. W. B.

BRAIMBRIDGE, M., Surgery of valvular heart disease. 446, *P.*

BRAIMBRIDGE, M. V., *see* Davies, M. J. *et al.*

BRAITHWAITE, R. A., *see* Taylor, D. J. E. & Braithwaite, R. A.

BRANDT, P. W. T., *see* Bass, N. M. *et al.*

BRASSEUR, L. A., *see* Serruys, P. W. *et al.*

BRAY, C. L., *see* Bell, R. *et al.*

BRENNAN, J., *see* Taylor, K. M. *et al.*

BRENNER, J. I., *see* Krovetz, L. J. *et al.*

BRITISH CARDIAC SOCIETY awards two prizes for best case reports, 210

— — — 57th Annual General Meeting, Cardiff, 12-13 April 1978, proceedings. 1061

— — — and Swedish Society of Cardiology, Joint Meeting, London, November 1977, proceedings. 430

BRITTON, K. E., *see* Dymond, D. S. *et al.*

BROOKS, N. (& Leech, G., Leatham, A.). Mechanism of influence of PR interval on first heart sound. 462, *P.*

BROOKSBY, I., *see* Davies, M. J. *et al.*

BROWN, A. K. (& Primhak, R. A., Newton, P.). Use of amiodarone in bradycardia-tachycardia syndrome. 1149

BROWN, D. J., *see* Doran, J. H. *et al.*
Gibson, D. G. *et al.*
Sanderson, J. E. *et al.*
Traill, T. A. *et al.*

BROWN, N. J. G., *see* Joseph, S. P. *et al.*

BROZOVIĆ, M., *see* Meade, T. W. *et al.*

BRUBAKK, A., *see* Hatle, L. *et al.*

BRUNDAGE, B. H. (& Farr, J. E.). Comparison of contrast medium and atrial pacing as tests of ventricular function in coronary artery disease. 250

BRUNNER, H. R., *see* Turini, G. A. *et al.*

BUCKLEY, S., *see* Estafanous, F. G. *et al.*

BURGESS, J. H., *see* Warnica, J. W. *et al.*

BYRNE, J. (& Clarke, D., Taylor, J. F. N., Macartney, F., de Leval, M., Stark, J.). Treatment of patients with transposition of great arteries and pulmonary vascular obstructive disease. 221

BYRNE, J. D., *see* Gowda, S. K. *et al.*

CABEEN, W. R. (& MacAlpin, R. N.). His bundle electrocardiography during routine left heart catheterisation. 286

CALABRESI, M. Left ventricular apical thin point: correspondence. 823

CAMBRIDGE, G., *see* MacArthur, C. G. C. *et al.*

CAMM, A. J. Tachycardias—role of clinical cardiac electrophysiological techniques. 434, *P.*

— (& Rees, G. M., Ward, D. E., Spurrell, R. A. J.). Operative treatment of Wolff-Parkinson-White syndrome. 459, *P.*

— (& Ward, D. E., Spurrell, R. A. J.). Gaps in anterograde conduction in patients with the short PR interval, normal QRS complex syndrome. 1119

— *see also* Stephens, J. *et al.*
Ward, D. E. *et al.*

CAMPBELL, N. P. S. (& Kelly, J. G., Adgey, A. A. J., McDevitt, D. G., Pantridge, J. F.). Observations on intravenous administration of lignocaine in patients with myocardial infarction. 1371

— (& Pantridge, J. F., Adgey, A. A. J.). Long-term oral antiarrhythmic therapy with mexiletine. 796

CAMPBELL, R. W. F. (& Smith, R. A., Gallagher, J. J., Pritchett, E. L. C., Wallace, A. G.). Atrial fibrillation and WPW syndrome. 459, *P.*

CANTON, J. A. GARCIA-, *see* Garcia-Canton, J. A.

CARDIEL, E. A. (& Alonso, M., Delcan, J. L., Menarguez, L.). Echocardiographic sign of right-sided hypertrophic obstructive cardiomyopathy: case report. 1321

CARLENS, P. (& Landou, C., Pehrsson, K.). Left ventricular function before and after coronary bypass surgery. 449. *P.*

CARLSON, L. A., *see* Oliver, M. F. *et al.*

CARRIG, T. F., *see* Shaver, P. J. *et al.*

CARSON, P. Rehabilitation. 433, *P.*

CARUSO, G. (& Losekoot, T. G., Becker, A. E.). Ebstein's anomaly in persistent common atrioventricular canal. 1275

CASHMAN, P. M. M., *see* Goldberg, A. D. *et al.*

CASSEL, G. A. (& Benjamin, J. D., Lakier, J. B.). Subendocardial ischaemia in patients with discrete subvalvar aortic stenosis. 388

CASTILLO, J. A., *see* Ariza, S. *et al.*

CAVES, P. K., *see* Taylor, K. M. *et al.*

CHAHINE, R. (& Raizner, A. E., Ishimori, T., Montero, A. C.). Echocardiographic, haemodynamic and angiographic correlations in hypertrophic cardiomyopathy: correspondence. 427

CHAKRABARTI, R., *see* Meade, T. W. *et al.*

CHAMBERLAIN, D., *see* Mackintosh, A. *et al.*

CHAMBERLAIN, D. A. Treatment of the non-surgical case. 431, *P.*

— *see also* Mackintosh, A. F. *et al.*
Rothman, M. T. *et al.*
Vincent, R. *et al.*

CHANDRARATNA, P. A. N. (& Littman, B. B., Serafini, A., Whayne, T., Robinson, H.). Echocardiographic evaluation of extracardiac masses. 741

— (& San Pedro, A., Schneider, R., Abrams, D., Langevin, J.). Implications of changes in amplitude and contour of the mercury strain gauge plethysmograph pulse tracing. 907

CHAPMAN, R. W. G. (& Watkins, J.). Rupture of right coronary artery aneurysm into the right atrium: case report. 938

CHARLES, R. (& Turner, W. L.). Diarrhoea induced by migration of a pacemaker generator: case report. 425

CHATELAIN, M. T., *see* Touboul, P. *et al.*

CHATTERJEE, K., Vasodilator treatment for acute and chronic heart failure: correspondence. 1060

— *see also* Lekven, J. *et al.*

CHATTERJEE, S. S., *see* Decalmer, P. B. S. *et al.*

CHATURVEDI, U. C., *see* Sharma, R. K. *et al.*

CHAWLA, K. K., *see* Towne, W. D. *et al.*

CHERIAN, G., *see* Basu, B. *et al.*

CHESLER, E., *see* Armstrong, T. G. *et al.*

CHEW, C., *see* McKenna, W. *et al.*

CHI, S., *see* Khan, A. *et al.*

CHIALE, P. A., *see* Przybylski, J. *et al.*

CHIDDO, A., *see* Rizzon, P. *et al.*

CHRISPIN, A. J., *see* Rees, P. G. *et al.*

CLARK, M., *see* Jackson, G. *et al.*

CLARKE, D., *see* Byrne, J. *et al.*
CLEMENTS, I. P., *see* Geddes, J. S. *et al.*
CLERENS, P. J. A., *see* van der Hoeven, G. M. A. *et al.*
CLOONAN, M. J., *see* Donald, T. G. *et al.*
COCEANI, F., *see* Freedom, R. M. *et al.*
COHEN, L. S., *see* Langou, R. A. *et al.*
Mason, D. T. *et al.*
COHEN, M. V. Real-time sector scan study of the mitral valve prolapse syndrome. 964
COHN, L. H., *see* Kosinski, E. J. *et al.*
COHN, P. F., *see* Green, L. H. *et al.*
Kosinski, E. J. *et al.*
COKKINOS, D. V. (& Demopoulos, J. N., Heimonas, E. T., Mallios, C., Papazoglou, N., Vorides, E. M.). Electrocardiographic criteria of left ventricular hypertrophy in left bundle-branch block. 320
COL, J. Lignocaine, a new technique for intravenous administration: correspondence. 429
COLEMAN, E. N., *see* Houston, A. B. *et al.*
COLES, J. C., *see* Li, M. D. *et al.*
COLTART, D. J., *see* Malcolm, A. D. *et al.*
Robinson, P. S. *et al.*
Swanton, R. H. *et al.*
COMMITTEE OF PRINCIPAL INVESTIGATORS: A co-operative trial in the primary prevention of ischaemic heart disease using clofibrate. 1069
CONTI, C. R., *see* Feldman, R. L. *et al.*
Mehta, J. *et al.*
CONWAY, N., *see* Monro, J. L. *et al.*
Watkins, J. *et al.*
COOPER, D. K. C. (& de Leval, M., Stark, J.). Results of surgical correction of complete atrioventricular canal. 452, *P.*
COOPER, J., *see* Oliver, M. F. *et al.*
CORNE, R. A. (& Beamish, R. E., Rollwagen, R. L.). Significance of left anterior hemiblock. 552
CORRALL, R. J. M., *see* Shaw, T. R. D. *et al.*
COSYNS, J., *see* Serruys, P. W. *et al.*
COTTER, L., *see* Forfar, J. C. *et al.*
COUVELLY, J. P., *see* Aubert, J. *et al.*
CRAIB, I. A., *see* Shaw, T. R. D. *et al.*
CRAIG, M. W. M. (& Raftery, E. B., Bishop, C.). Circadian rhythm of blood pressure in untreated hypertensive patients. 432, *P.*
CRIBIER, A., *see* Letac, B. *et al.*
CROFT, D. N., *see* Robinson, P. S. *et al.*
CROOK, B., *see* Jackson, G. *et al.*
Robinson, C. *et al.*
CROWTHER, A., *see* Robinson, P. S. *et al.*
Shiu, M. F. *et al.*
CRUICKSHANK, J. M., *see* Declamer, P. B. S. *et al.*
CRUZ, J., *see* Towne, W. D. *et al.*
CSAPO, G. (& Weisswange, A.). Disappearing His bundle. 1153
CURRY, P. V. L., *see* Mackintosh, A. F. *et al.*
Raper, D. A. *et al.*
Wainwright, R. J. *et al.*
CURRY, R. C., *see* Feldman, R. L. *et al.*

DALY, K., *see* Rees, P. G. *et al.*
DAMATO, A. N., *see* Maron, B. J. *et al.*
DANIELSON, C. K., *see* Fiddler, G. I. *et al.*
DANILOWICZ, D., *see* Gabriel, H. P. & Danilowicz, D.
DAUGHTERS, G. T., *see* Mason, J. W. *et al.*
DAVIES, M., *see* Mills, P. *et al.*
DAVIES, M. J. (& Brooksby, I., Leech, G. J., Parker, J., Braimbridge, M. V.). Pathology of aortic regurgitation. 460, *P.*
— (& Moore, B. P., Braimbridge, M. V.). The floppy mitral valve. Study of incidence, pathology, and complications in surgical, necropsy, and forensic material. 468
DE GROOT, A. C. GITTENBERGER-, *see* Gittenberger-de Groot, A. C.
DE LEVAL, M. Surgery of congenital heart disease. 446, *P.*
— *see also* Byrne, J. *et al.*
Cooper, D. K. C. *et al.*
Stark, J. *et al.*
Weller, P. H. *et al.*
DE LEVAL, M. R. *see* Fox, K. M. *et al.*
DECALMER, P. B. S. (& Chatterjee, S. S., Cruickshank, J. M., Benson, M. K., Sterling, G. M.). Beta-blockers and asthma. 184
DEKKER, A. OPPENHEIMER-, *see* Oppenheimer-Dekker, A.
DELARUE, A., *see* Aubert, J. *et al.*
DELCAN, J. L., *see* Cardiel, E. A. *et al.*
DEMARIA, A. N., *see* Mason, D. T. *et al.*
DEMOPOULOS, J. N., *see* Cokkinos, D. V. *et al.*
DEMOULIN, J.-C. (& Kulbertus, H. E.). Histopathological correlates of sinoatrial disease. 1384
DENNISH, G., *see* Warren, S. E. & Dennish, G.
DER HAUWAERT, L. G. VAN, *see* van der Hauwaert, L. G.
DER HOEVEN, G. M. A. VAN, *see* van der Hoeven, G. M. A.
DETRY, J.-M., *see* Serruys, P. W. *et al.*
DETWILER, J. H., *see* Johnson, A. D. *et al.*
DEVERALL, P. B., *see* Page, R. E. *et al.*
DEVLOO-BLANCQUAERT, A. (& Ritter, D. G.). Muscle ridge between atrioventricular valves and malalignment of junction of these valves with ventricular septum. 1267
DEWAR, H. A. (& Smith, R. H., Hacking, P. M.). Rapid lysis of coronary thrombi. 436, *P.*
DI BIASE, M., *see* Rizzon, P. *et al.*
DICK, T. B. S. (& Stone, M. C.). Prevalence of three major risk factors in random sample of men and women, and in patients with ischaemic heart disease. 617
DIEFENTHAL, H. C., *see* Turner, G. G. *et al.*
DIETHL, C., *see* Macmanus, Q. *et al.*
DOBBS, S. M., *see* Nicholson, P. W. *et al.*
DONALD, T. G. (& Cloonan, M. J., Wilcken, D. E. L.). Excretion of myoglobin in urine after cardiac catheterisation. 1237
DONALDSON, R., *see* Joseph, S. P. *et al.*
Marcomichelakis, J. *et al.*
DONALDSON, R. M. (& Honey, M., Sturridge, M. F., Wright, J. E. C., Balcon, R.). Results of aortocoronary bypass operations. 1200
DONDERS, J. J. H., *see* van der Hoeven, G. M. A. *et al.*
DORAN, J. H. (& Traill, T. A., Brown, D. J., Gibson, D. G.). Detection of abnormal left ventricular wall movement during isovolumic contraction and early relaxation. Comparison of echo- and angiocardiography. 367
— *see also* Gibson, D. G. *et al.*
Traill, T. A. *et al.*
DRORY, Y., *see* Ari, E. Ben *et al.*
DUBIEL, J. S., *see* Szczeklik, J. *et al.*
DUBOWITZ, V., *see* Ahmad, M. *et al.*
DUFFIELD, A., *see* Peter, T. *et al.*
DUMOULIN, M., *see* van der Hauwaert, L. G. *et al.*
DURET, J. C., *see* Pernod, J. *et al.*
DURRER, D., *see* Meijler, F. L. *et al.*
DYMOND, D., *see* Stephens, J. *et al.*
DYMOND, D. S. (& Jarritt, P. H., Britton, K. E., Spurrell, R. A. J.). Detection of post-infarction left ventricular aneurysms by first pass radionuclide ventriculography, using multicrystal gamma camera. 448, *P.*
— (& Stephens, J. D., Jarritt, P. H., Elliott, A. T., Britton, K. E., Spurrell, R. A. J.). Exercise radionuclide ventriculography: assessment of changes in global left ventricular function, and in function of contractile segments in patients with left ventricular aneurysms. 1064, *P.*

EAD, H., *see* Stephens, J. *et al.*

EDHAG, O. (& Fagrell, B., Freyschuss, U., Kaijser, L., Vallin, H.). Central and peripheral haemodynamics in patients with deleterious effects of artificial cardiac pacing. 455, *P.*

EDVARDSSON, N., *see* Olsson, S. B. *et al.*

EKLUND, B., *see* Kaijser, L. *et al.*

ELIZARI, M. V., *see* Przybylski, J. *et al.*

ELL, P. J. (& Langford, R., Pearce, P., Lui, D., Elliott, A. T., Woolf, N., Williams, E. S.). ^{99m}Tc-Imidodiphosphonate: a superior radiopharmaceutical for *in vivo* positive myocardial infarct imaging. I: Experimental data. 226

— *see also* Joseph, S. P. *et al.*

ELLIOTT, A. T., *see* Dymond, D. S. *et al.*
Ell, P. J. *et al.*
Joseph, S. P. *et al.*

EL-SHERIF, N. (& Aranda, J., Befeler, B., Lazzara, R.). Atypical Wenckebach periodicity simulating Mobitz II AV block. 1376

EMANUEL, R. (& Withers, R., O'Brien, K., Ross, P., Feizi, Ö.). Congenitally bicuspid aortic valves. 1402

ENESTROM, S., *see* Olsson, S. B. *et al.*

ENGLISH, M. J., *see* Vincent, R. *et al.*

EPSTEIN, S. E., *see* Maron, B. J. *et al.*

ERICSSON, M., *see* Kaijser, L. *et al.*

ESSCHER, E. (& Michaëlsson, M.). QT time in congenital complete heart block.438, *P.*

— (& Scott, J. S.). Congenital heart block and maternal connective tissue disease. 457, *P.*

ESTAFANOUS, F. G. (& Tarazi, R. C., Buckley, S., Taylor, P. C.). Arterial hypertension in immediate postoperative period after valve replacement. 718

EUROPEAN-AMERICAN SYMPOSIUM ON VENOUS DISEASES, Zurich, 5-8 September 1978, notice. 940

EUROPEAN CONGRESS OF ANAESTHESIOLOGY, Vth, Haemodynamics in Anaesthesia, Paris, 4-9 September 1978, notice. 209

EUROPEAN CONGRESS OF CARDIOLOGY, VIIIth, Paris, 22-26 June 1980, notice. 940

EVANS, T., *see* Selwyn, A. P. *et al.*

EVANS, T. R. Conduction defects. 435, *P.*

FAGRELL, B., *see* Edhag, O. *et al.*

FALLO, F. (& Armanini, D., Maragno, I., Mantero, F.). Plasma renin activity in coarctation of the aorta before and after surgical correction. 1415

FARR, J. E., *see* Brundage, B. H. & Farr, J. E.

FARUQUI, A. M. A. (& Silverman, M. E.). Isolated acquired pulmonary valve regurgitation. *Report of long-term follow-up:* case report. 198

FAWZY, E., *see* Ahmed, M. *et al.*

FEDERMAN, J. (& Whitford, J. A., Anderson, S. T., Pitt, A.). Incidence of ventricular arrhythmias in first year after myocardial infarction. 1243

FEIGLIN, D. H., *see* Wald, R. W. *et al.*

FEIZI, Ö., *see* Emanuel, R. *et al.*

FELDMAN, R. L. (& Pepine, C. J., Curry, R. C., Conti, C. R.). Case against routine use of glyceryl trinitrate before coronary angiography. 992

FERGUSON, R. K., *see* Turini, G. A. *et al.*

FERRANS, V. J., *see* Jones, M. & Ferrans, V. J.

FERRARI, R., *see* Nayler, W. G. *et al.*

FERRIS, A. C., *see* Mason, J. W. *et al.*

FIDDLER, G. I. (& Maloney, J. D., Danielson, G. K., McGoon, D. C., Ritter, D. G.). Intraoperative identification of intraventricular specialised conduction tissue in univentricular heart. 453, *P.*

FINARDI, G., *see* Venco, A. *et al.*

FINLEY, J. P. (& Radford, D. J., Freedom, R. M.). *Torsade de pointes* ventricular tachycardia in a newborn infant: case report 421

FIRMIN, R. (& Lowes, A., Hickson, B.). A case of rhabdomyosarcoma of the right ventricle: case report. 1426

FISK, C., *see* Robinson, C. *et al.*

FISMAN, E. *see* Ari, E. Ben *et al.*

FITCHETT, D., *see* Selwyn, A. P. *et al.*

FITCHETT, D. H. (& Neto, J. A. M., Oakley, C. M., Goodwin, J. F.). Oral hydrallazine in management of congestive cardiomyopathy. 454, *P.*

— *see also* Sapsford, R. N. *et al.*

FONDATION DE PHYSIOPATHOLOGIE PROFESSEUR LUCIEN DAUTREBANDE. Notice. 210

FORFAR, J. C. (& Cotter, L., Morritt, G. N.). Severe and early stenosis of porcine heterograft mitral valve: case report. 1184

FORMAN, R. (& Beck, W., Barnard, C. N.). Results after mitral valve replacement with cloth-covered Starr-Edwards prostheses (models 6300, 6310/6320, and 6400). 612

FORSE, G., *see* Selwyn, A. P. *et al.*

FORTUIN, N. J., *see* Yin, F. C. P. *et al.*

FOX, K., *see* Patel, R. *et al.*
Selwyn, A. P. *et al.*

FOX, K. M. (& Patel, R. G., Graham, G. R., Taylor, J. F. N., Stark, J., de Leval, M. R., Macartney, F. J.). Multiple and single ventricular septal defect. A clinical and haemodynamic comparison. 141

— (& Selwyn, A. P., Shillingford, J. P.). A method for praecordial surface mapping of the exercise electrocardiogram. 1339

— —, Welman, E., Jonathan, A., Shillingford, J. P.). Electrocardiographic signs and creatine kinase release in patients on beta-blockers suffering acute myocardial infarction. 435, *P.*

FREEDOM, R. M. (& Olley, P. M., Coceani, F., Rowe, R. D.). The prostaglandin challenge. Test to unmask obstructed total anomalous pulmonary venous connections in asplenia syndrome: case report. 91

— *see also* Finley, J. P. *et al.*

FREYSCHUSS, U. (& Backman, L., Hallberg, D., Melcher, A.). Cardiovascular effects on weight reduction after intestinal shunt operation for obesity. 462, *P.*

— *see also* Edhag, O. *et al.*

FRIEDMAN, H. S. (& Zaman, Q., Haft, J. I., Melendez, S.). Assessment of atrioventricular conduction in aortic valve disease. 911

FRYNS, J. P., *see* van der Hauwaert, L. G. *et al.*

FUKUI, S., *see* Inoue, M. *et al.*

FULLER, J. H. (& Pinney, S., Jarrett, R. J., Kilbourn, K., Keen, H.). Plasma lipids in a London population and their relation to other risk factors for coronary heart disease. 170

FULTON, M. (& Adams, W., Lutz, W., Oliver, M. F.). Regional variations in mortality from ischaemic heart and cerebrovascular disease in Britain. 563

GABRIEL, H. P. (& Danilowicz, D.). Postoperative responses in 'prepared' child after cardiac surgery. 1046

GALLAGHER, J. J., *see* Campbell, R. W. F. *et al.*

GANDHI, D., *see* Stark, J. *et al.*

GARCIA-CANTON, J. A., *see* Ariza, S. *et al.*

GAVRAS, H., *see* Turini, G. A. *et al.*

GAVRILESCU, S. (& Luca, C.). Right ventricular monophasic action potentials in patients with long QT syndrome. 1014

GEDDES, J. S. (& Webb, S. W., Clements, I. P.). Clinical experience with transvenous atrial pacing. 589

GEHRKE, J. Interventricular septal motion in hypertrophic cardiomyopathy (HCM). 457, *P.*

GERMAN SOCIETY FOR CIRCULATION RESEARCH, 44th Annual Scientific Meeting, March-April 1978, notice. 209

GIBSON, D., Echocardiography—its diagnostic value in a district general hospital. Equipment. 433, *P.*
GIBSON, D. G. (& Brown, D. J., Logan-Sinclair, R. B.). Analysis of regional left ventricular wall movement by phased array echocardiography. 1334
— (& Doran, J. H., Traill, T. A., Brown, D. J.). Abnormal left ventricular wall movement during early systole in patients with angina pectoris. 758
— — — — Abnormal left ventricular wall movement during isovolumic contraction in patients with coronary artery disease. 441, *P.*
— (& Sanderson, J. E., Traill, T. A., Brown, D. J., Goodwin, J. F.). Regional left ventricular wall movement in hypertrophic cardiomyopathy. 1327
— *see also* Doran, J. H. *et al.*
Sanderson, J. E. *et al.*
Traill, T. A. *et al.*
GILLESPIE, T. A., *see* Gowda, S. K. *et al.*
GILLMER, D., *see* Whiteside, J. D. & Gillmer, D.
GILMAN, P., *see* Rees, A. H. *et al.*
GILS, F. A. W. VAN, *see* van Gils, F. A. W.
GINKS, W. R., *see* HETZEL, M. R. *et al.*
GITTENBERGER-DE GROOT, A. C. (& Moulaert, A. J., Harinck, E., Becker, A. E.). Histopathology of the ductus arteriosus after prostaglandin E_1 administration in ductus dependent cardiac anomalies. 215
GLASER, R. (& Kramer, R. J., Hamby, R. I., Aintablian, A., Zeldis, S. M.). Renal arteriovenous fistula masquerading as severe valvar heart disease. 972
GOBEL, F. L., *see* Turner, G. G. *et al.*
GOEBEL, N. H., *see* Hess, O. M. *et al.*
GOLDBERG, A., *see* Whiting, B. *et al.*
GOLDBERG, A. D. (& Raftery, E. B., Cashman, P. M. M., Stott, F. D.). Study of untreated hypertensive subjects by means of continuous inter-arterial blood pressure recordings. 656
GOLDSTRAW, P. W., *see* Taylor, S. H. *et al.*
GOLLAN, F. (& Kizakevich, P. N., McDermott, J.). Continuous electrode monitoring of systolic time intervals during exercise. 1390
GOMEZ, R. SEABRA-, *see* Seabra-Gomez, R.
GONZALEZ-LAVIN, L., *see* Khan, A. *et al.*
GOODWIN, J. F. International cardiology. Editorial. 465
— *see also* Fitchett, D. H. *et al.*
Gibson, D. G. *et al.*
MacArthur, C. G. C. *et al.*
Sanderson, J. E. *et al.*
GORESKY, C. A., *see* Warnica, J. W. *et al.*
GOULDING, L., *see* Pickering, T. G. & Goulding, L.
GOWDA, S. K. (& Gillespie, T. A., Byrne, J. D., Ambos, H. D., Sobel, B. E., Roberts, R.). Effects of external counterpulsation on enzymatically estimated infarct size and ventricular arrhythmia. 308
GRAHAM, G. R., *see* Fox, K. M. *et al.*
Patel, R. *et al.*
GRAHAM, G. W. S., *see* Vecht, R. J. *et al.*
GRANATH, A. Early work load tests for evaluation of long-term prognosis of acute myocardial infarction: correspondence. 1194
GRAY, H. W., *see* McKillop, J. H. *et al.*
GREEN, L. H. (& Cohn, P. F., Holman, B. L., Adams, D. F., Markis, J. E.). Regional myocardial blood flow in patients with chest pain syndromes and normal coronary arteriograms. 242
GREGORY, N. L., *see* Houston, A. B. *et al.*
GREIG, W. R., *see* McKillop, J. H. *et al.*
Murray, R. G. *et al.*
GRENDAHL, H. (& Miller, M., Kjekshus, J.). Overdrive suppression of implanted pacemakers in patients with AV block. 106
GREY, A. C., *see* Lewis, M. J. *et al.*
GRIBBIN, B., *see* Bennett, D. H. *et al.*
GRIFFITH, D. N. W. (& Myers, A.). Obstruction of right ventricular outflow tract by solitary ovarian metastasis: case report. 700
GRIST, N. R., *see* Wood, S. F. *et al.*
GROOT, A. C. GITTENBERGER-DE, *see* Gittenberger-de Groot, A. C.
GROSSMAN, W., *see* Kosinski, E. J. *et al.*
GRUNKEMEIER, G., *see* Macmanus, Q. *et al.*
GUARNIERI, T., *see* Yin, F. C. P. *et al.*

HACKING, P. M., *see* Dewar, H. A. *et al.*
HAFT, J. I., *see* Friedman, H. S. *et al.*
HAINES, A. P., *see* Meade, T. W. *et al.*
HALL, R. J. C., *see* Stemple, D. R. *et al.*
HALLBERG, D., *see* Freyschuss, U. *et al.*
HALLIDIE-SMITH, K. A., *see* Ahmad, M. *et al.*
HALPERN, M. S., *see* Przybylski, J. *et al.*
HAMBY, R. I., *see* Glaser, R. *et al.*
HAMER, J., *see* Stephens, J. *et al.*
HANNAN, W. J., *see* Sapru, R. P. *et al.*
HARINCK, E., *see* Gittenberger-de Groot, A. C. *et al.*
HARPER, R., *see* Peter, T. *et al.*
HARRISON, D. C., *see* Mason, J. W. *et al.*
Stemple, D. R. *et al.*
HARRY, J. D., *see* Jackson, G. *et al.*
HATLE, L. (& Brubakk, A., Tromsdal, A., Angelsen, B.). Noninvasive assessment of pressure drop in mitral stenosis by Doppler ultrasound. 131
HAUGE, S. NITTER-, *see* Nitter-Hauge, S.
HAUWAERT, L. G. VAN DER, *see* van der Hauwaert, L. G.
HAWKEY, C. M., *see* Olsen, E. G. J. *et al.*
HAWORTH, S. G. (& Reid, L.). A morphometric study of regional variation in lung structure in infants with pulmonary hypertension and congenital cardiac defect, 825
— *see also* Macartney, F. J. *et al.*
Weller, P. H. *et al.*
HAYAT, M., *see* Ari, E. Ben *et al.*
HAYWARD, R., *see* Stephens, J. *et al.*
HEADY, J. A., *see* Oliver, M. F. *et al.*
HEATH, D. (& Williams, D. R.). Nail haemorrhages. 1300
HEIMONAS, E. T., *see* Cokkinos, D. V. *et al.*
HEINTZEN, P., *see* Meijler, F. L. *et al.*
HEMEL, N. M. Van, *see* Van Hemel, N. M.
HENDERSON, A. H., *see* Lewis, M. J. & Henderson, A. H.
Lewis, M. J. *et al.*
West, R. R. & Henderson, A. H.
HESS, O. M. (& Turina, M., Senning, A., Goebel, N. H., Scholer, Y., Krayenbuehl, H. P.). Pre-and postoperative findings in patients with endomyocardial fibrosis. 406
HETZEL, M. R. (& Ginks, W. R., Pickersgill, A. J., Leatham, A.). Value of pacing in cardiac failure associated with chronic atrioventricular block. 864
HICKSON, B., *see* Firmin, R. *et al.*
HIGGINS, C. B., *see* Johnson, A. D. *et al.*
HIROSAWA, K., *see* Horie, T. *et al.*
HJALMARSSON, A. (& Waagstein, F., Ariniego, R.). Which drug should be used as an emergency antidote to beta-blocking agents? 440, *P.*
HOEVEN, G. M. A. VAN DER, *see* van der Hoeven, G. M. A..
HOLDEN, W. (& McAnulty, J. H., Rahimtools, S. H.) Characterisation of heart rate response to exercise in the sick sinus syndrome. 923
HOLMAN, B. L., *see* Green, L. H. *et al.*
HOLT, D., *see* Joseph, S. P. *et al.*
HONEY, M., *see* Donaldson, R. M. *et al.*
HOON, R. S., *see* Balasubramanian, V. *et al.*

HORI, M., *see* Inoue, M. *et al.*
HORIE, T. (& Sekiguchi, M., Hirosawa, K.). Coronary thrombosis in pathogenesis of acute myocardial infarction. 153
HORSELA, T., *see* Szczeklik, J. *et al.*
HOSSACK, K. F., *see* Neilson, G. & Hossack, K. F.
HOUSTON, A. B. (& Gregory, N. L., Coleman, E. N.). Echocardiographic identification of aorta and main pulmonary artery in complete transposition. 377
— — — Two-dimensional echocardiography in atrioventricular canal malformations. 1061, *P.*
HOW, J. (& Strachan, R. W.). Aortic regurgitation as a manifestation of giant cell arteritis: case report. 1052
HUCKELL, V. F., *see* Wald, R. W. *et al.*
HUME, R., *see* Vallance, B. D. *et al.*
HUNT, D. (& Sloman, G., Penington, C.). Effects of atrial fibrillation on prognosis of acute myocardial infarction. 303
— *see also* Peter, T. *et al.*
HUTTON, I., *see* Murray, R. G. *et al.*
HYDE, I., *see* Watkins, J. *et al.*

ILSLEY, C., *see* Radley-Smith, R. *et al.*
IMAI, Y., *see* Mori, K. *et al.*
INGELS, N. B., *see* Mason, J. W. *et al.*
INOUE, M. (& Hori, M., Nishimoto, Y., Fukui, S., Abe, H., Wada, H., Minamino, T.). Immunological determination of serum m-AST activity in patients with acute myocardial infarction. 1251
INTERNATIONAL COMMITTEE ON THROMBOSIS AND HAEMOSTASIS, XXIVth Annual Meeting, Leuven, Belgium, 20-22 July 1978, notice. 696
INTERNATIONAL CONFERENCE ON CARDIOVASCULAR SYSTEM DYNAMICS, Third, August 1978, notice. 464
INTERNATIONAL CONGRESS OF ANGIOLOGY, XIth, Prague, July 1978, notice. 209
INTERNATIONAL CONGRESS ON ELECTROCARDIOLOGY, 5th, Glasgow, 5-8 September 1978, notice. 334
INTERNATIONAL CONGRESS ON PREVENTION OF HEART DISEASE AND CARDIAC REHABILITATION, Bombay, 10-12 September 1978, notice. 209
INTERNATIONAL CONGRESS, VIIth, on THROMBOSIS AND HAEMOSTASIS, London, 16-20 July 1979, notice. 824
INTERNATIONAL SOCIETY FOR HEART RESEARCH, second biannual meeting, Ottawa, 17-19 May 1979, notice. 940
INTERNATIONAL SYMPOSIUM ON INSTRUMENTATION FOR ARTIFICIAL HEART AND ARTIFICIAL KIDNEY, Brno, 12-15 September 1978, notice. 209
INTERNATIONAL SYMPOSIUM, OPEN, ON LACTATE IN ACUTE CONDITIONS, Basle, 17 March 1978, notice. 209
INTERNATIONAL SYMPOSIUM, SECOND, ON CLINICAL ELECTROPHYSIOLOGY: innovations in diagnosis and management of cardiac arrhythmias, Chicago, 10-12 May 1978, notice. 209
IONESCU, M. I., *see* Tandon, A. P. *et al.*
ISHIKAWA, S., *see* Mori, K. *et al.*
ISHIMORI, T., *see* Chahine, R. *et al.*

JACKSON, G. (& Atkinson, L., Clark, M., Crook, B., Armstrong P., Oram, S.). Diagnosis of coronary artery disease by estimation of coronary sinus lactate. 979
— (& Harry, J. D., Robinson, C., Kitson, D., Jewitt, D. E.). Comparison of atenolol with propranolol in the treatment of angina pectoris with special reference to once daily administration of atenolol. 998
— (& Richardson, P. J., Atkinson, L. Armstrong, P., Oram, S.). Angina with normal coronary arteriograms. 976
— *see also* Kyriakidis, M. *et al.*
Robinson, C. *et al.*
Rothman, M. T. *et al.*
JARRETT, R. J., *see* Fuller, J. H. *et al.*
JARRITT, P. H., *see* Dymond, D. S. *et al.*
JENKINS, B. S., *see* Robinson, P. S. *et al.*
Shiu, M. F. *et al.*
Swanton, R. H. *et al.*
JENNER, R., *see* Mackintosh, A. *et al.*
Vincent, R. *et al.*
JENNINGS, K., *see* Robinson, C. *et al.*
JENNINGS, K. P., *see* McLeod, A. A. *et al.*
JEWITT, D., *see* Kyriakidis, M. *et al.*
Robinson, C. *et al.*
JEWITT, D. E., *see* Jackson, G. *et al.*
Rothman, M. T. *et al.*
JIMÉNEZ, M. QUERO-, *see* Quero-Jiménez, M.
JOHN, S., *see* Basu, B. *et al.*
JOHNSON, A. D. (& Detwiler, J. H., Higgins, C. B.). Left coronary artery anatomy in patients with bicuspid aortic valves. 489
JOHNSON, A. M., *see* Bourdillon, P. D. V. *et al.*
JOHNSON, G., *see* Rönn, O. *et al.*
JOHNSTON, G. D. (& Kelly, J. G., McDevitt, D. G.). Do patients take digoxin? 1
JONATHAN, A., *see* Fox, K. M. *et al.*
Selwyn, A. P. *et al.*
JONES, J. V. (& Thoren, P. N.). Baroreceptor resetting in unmyelinated nerve fibres arising from aortic arches of hypertensive rabbits. 431, *P.*
JONES, M. (& Ferrans, V. J.). Right ventricular hypertrophy: clinical and ultrastructural relations. 457, *P.*
JORDÖ, L., *see* Rönn, O. *et al.*
JOSEPH, M., *see* Lincoln, C. *et al.*
Marcomichelakis, J. *et al.*
JOSEPH, S. P. (& Ell, P. J., Ross, P., Donaldson, R., Elliott, A. T., Brown, N. J. G., Williams, E. S.). ^{99m}Tc-imidodiphosphonate: a superior radiopharmaceutical for *in vivo* positive myocardial infarct imaging. II: Clinical data. 23-
— (& Kelly, B., Holt, D., White, J.). Mexiletine; effective therapy for Wolff-Parkinson-White syndrome. 458, *P.*
JOYE, J. A., *see* Mason, D. T. *et al.*
JULIAN, D. G. Angina pectoris—when to investigate. 430, *P.*
JUNG, R. T., *see* Syed, S. & Jung, R. T.

KAFETZAKIS, E., *see* Walton, S. *et al.*
KAIJSER, L. (& Eklund, B., Ericsson, M.). Abnormal myocardial metabolism in high risk group middle-aged men with type IV hyperlipoproteinaemia. 439, *P.*
— *see also* Edhag, O. *et al.*
Oliver, M. F. *et al.*
KAKU, S., *see* Somerville, J. *et al.*
KASTE, M. (& Somer, H., Konttinen, A.). Heart type creatine kinase isoenzyme (CK MB) in acute cerebral disorders. 802
KAWASHIMA, Y., *see* Beppu, S. *et al.*
KEATES, J., *see* Kyriakidis, M. *et al.*
KEEN, G., *see* Keir, P. & Keen, G.
KEEN, H., *see* Fuller, J. H. *et al.*
KEETON, B. R. (& McGoon, D. C., Lie, J. T.). Applied anatomy of coronary arteries in univentricular hearts. 1067, *P.*
KEIR, P. (& Keen, G.). Secondary leiomyosarcoma of the right ventricle. *A surgical report:* case report. 328
KEKWICK, C. A., *see* Shaw, D. B. & Kekwick, C. A.
KELLERMANN, J. J., *see* Ari, E. Ben *et al.*
KELLY, B., *see* Joseph, S. P. *et al.*
Marcomichelakis, J. *et al.*
KELLY, J. G., *see* Campbell, N. P. S. *et al.*
Johnston, G. D. *et al.*
KERBER, R. E., *see* Mueller, T. M. *et al.*
KHALSA, A., *see* Olsson, S. B. *et al.*

KHAN, A. (& Chi, S., Gonzalez-Lavin, L.). Aortic valve replacement during acute rheumatic fever: case report. 817
KILBOURNE, K., *see* Fuller, J. H. *et al.*
KILPATRICK, D., *see* Talbot, S. *et al.*
KITSON, D., *see* Jackson, G. *et al.*
KIVISAARI, A., *see* Selwyn, A. P. *et al.*
KIZAKEVICH, P. N., *see* Gollan, F. *et al.*
KJEKSHUS, J., *see* Grendahl, H. *et al.*
KLEIMAN, J. H. (& Motta, J., London, E., Pennell, J. P., Popp, R. L.). Pericardial effusions in patients with end-stage renal disease. 190
KLEIN, U. E., *see* Lehmann, H. & Klein, U. E.
KNIPPEL, M., *see* Rossi, L. *et al.*
KONTTINEN, A., *see* Kaste, M. *et al.*
KOSINSKI, E. J. (& Cohn, P. F., Grossman, W., Cohn, L. H.). Severe stenosis occurring in antibiotic sterilised homograft valves. 194
KOZUKA, T., *see* Beppu, S. *et al.*
KRAMER, N., *see* Towne, W. D. *et al.*
KRAMER, R. J., *see* Glaser, R. *et al.*
KRAYENBUEHL, H. P., *see* Hess, O. M. *et al.*
KRIKLER, D. What to call arrhythmias: editorial, 1325
— Value of electrophysiological studies. 434, *P.*
— *see also* Rowland, E. & Krikler, D. M.
KRISHNASWAMI, S., *see* Basu, B. *et al.*
KROL, R., *see* Szczeklik, J. *et al.*
KROVETZ, L. J. (& Brenner, J. I., Polanyi, M., Ostrowski, D.). Application of an improved intracardiac fibreoptic system. 1010
KULBERTUS, H. E., *see* Demoulin, J.-C. & Kulbertus, H. E.
KUNST, K., *see* Pool, J. *et al.*
KURIHARA, T., *see* SAWAYAMA, T. *et al.*
KUROIWA, A., *see* Matsuguchi, H. *et al.*
KYRIAKIDIS, M. (& Jackson, G., Keates, J., Jewitt, D.). Major arrhythmias in aortic stenosis detected by 24-hour ambulatory monitoring. 1962, *P.*

LAKATTA, E. G., *see* Yin, F. C. P. *et al.*
LAKIER, J. B., *see* Cassel, G. A. *et al.*
LAMBERT, L., *see* Macmanus, Q. *et al.*
LANDELIUS, J. (& Nordgren, L.). Evaluation of computer programme for 12-lead electrocardiographic interpretation. 438, *P.*
LANDOU, C., *see* Carlens, P. *et al.*
LANGEVIN, J., *see* Chandraratna, P. A. N. *et al.*
LANGFORD, R., *see* Ell, P. J. *et al.*
LANGMARK, F., *see* Nitter-Hauge, S. *et al.*
LANGOU, R. A. (& Wiles, J. C., Cohen, L. S.). Coronary surgery for unstable angina pectoris. 767
LANZI, G., *see* Venco, A. *et al.*
LAPITOD, C., *see* Ari, E. Ben *et al.*
LAU, S. H., *see* Maron, B. J. *et al.*
LAUER, R. M., *see* Schieken, R. M. *et al.*
LAVIN, L. GONZALEZ-, *see* Gonzalez-Lavin, L.
LAWRIE, T. D. V., *see* Murray, R. G. *et al.*
LAZZARA, R., *see* El-Sherif, N. *et al.*
LAZZARI, J. O., *see* Przybylski, J. *et al.*
LEAMAN, D. M. (& Levenson, L., Zelis, R., Shiroff, R.). Effect of morphine on splanchnic blood flow. 569
LEATHAM, A., *see* Brooks, N. *et al.*
Hetzel, M. R. *et al.*
Leech, G. *et al.*
Mills, P. *et al.*
LEECH, G. (& Mills, P., Leatham, A.). The diagnosis of a non-stenotic bicuspid aortic valve. 941
— *see also* Brooks, N. *et al.*
Mills, P. *et al.*
LEECH, G. J., *see* Davies, M. J. *et al.*
LEHMANN, H. (& Klein, U. E.). Familial sinus node dysfunction with autosomal dominant inheritance: case report. 1314
LEKVEN, J. (& Chatterjee, K., Tyberg, J. V., Stowe, D. F., Mathey, D. G., Parmley, W. W.). Pronounced dependence of ventricular endocardial QRS potentials on ventricular volume. 891
LENGYEL, M. Echocardiographic, haemodynamic and angiographic correlations in hypertrophic cardiomyopathy: correspondence. 427
LEROUX, G., *see* Letac, B. *et al.*
LESSEM, J. Myocardial scintigraphy with ^{99m}-Tc-(stannous) pyrophosphate in rats with experimentally induced myocardial infarction. 437, *P.*
— Hot-spot scanning. 444, *P.*
LESSOF, M. Immunological reactions in heart disease. Editorial. 211
LETAC, B. (& Leroux, G., Cribier, A., Soyer, R.). Large ventricular aneurysms occurring after myocardial infarction. 516
LEVAL, M. DE, *see* de Leval, M.
LEVAL, M. R. DE, *see* de Leval, M. R.
LEVENSON, L., *see* Leaman, D. M. *et al.*
LEVI, N., *see* Radley-Smith, R. *et al.*
LEWIS, M. J. (& Grey, A. C., Henderson, A. H.). Factors influencing development of hypoxic contracture. 450, *P.*
— & HENDERSON, A. H. Bromocriptine in methyldopa treated hypertension: possible role of central dopaminergic activity. 1067, *P.*
LI, M. D. (& Coles, J. C., McDonald, A. C.). Anomalous muscle bundle of the right ventricle. 1040
LIE, J. T., *see* Keeton, B. R. *et al.*
LIE, K. I., *see* Becker, A. E. *et al.*
LINCOLN, C. (& McKay, R., Miller, G., Joseph, M., Shinebourne, E.). Surgical correction of complete atrioventricular canal in infants and children. 451, *P.*
— *see also* Wilkinson, J. L. *et al.*
LITTLER, W. A., *see* MacKay, E. H. *et al.*
Page, A. J. F. & Littler, W.
LITTMAN, B. B., *see* Chandraratna, P. A. N. *et al.*
LOGAN, R. L., *see* Oliver, M. F. *et al.*
LOGAN-SINCLAIR, R. B., *see* Gibson, D. G. *et al.*
LOGGHE, N., *see* van der Hauwaert, L. G. *et al.*
LONDON, E., *see* Kleiman, J. H. *et al.*
LORIMER, A. R., *see* Murray, R. G. *et al.*
LOSEKOOT, T. G., *see* Caruso, G. *et al.*
LOWES, A., *see* Firmin, R. *et al.*
LUCA, C., *see* Gavrilescu, S. & Luca, C.
LUI, D., *see* Ell, P. J. *et al.*
LUNDMAN, T., *see* Shoaleh-var, M. *et al.*
LUNGBORG, P., *see* Rönn, O. *et al.*
LUTKIN, J., *see* Rothman, M. T. *et al.*
LUTZ, W., *see* Fulton, M. *et al.*
Oliver, M. F. *et al.*
LUXTON, M., *see* Peter, T. *et al.*

MACALPIN, R. N., *see* Cabeen, W. R. & MacAlpin, R. N.
MCANULTY, J. H., *see* Holden, W. *et al.*
MACARTHUR, C. G. C. (& Cambridge, G., Waterson, A. P., Goodwin, J. F., Oakley, C. M.). Antibodies to Coxsackie B viruses in primary congestive cardiomyopathy. 456, *P.*
MACARTNEY, F., *see* Byrne, J. *et al.*
Stark, J. *et al.*
MACARTNEY, F. J. (& Wyse, R. K. H., Haworth, S. G., Taylor, J. F. N.). Ultrasound diagnosis of superior vena caval pathway obstruction after Mustard's operation. 1061, *P.*

— *see also* Fox, K. M. *et al.*
Morrison, G. W. & Macartney, F. J.
Rees, P. G. *et al.*
Weller, P. H. *et al.*
McCartney, P., *see* Rose, G. *et al.*
McDermott, J., *see* Gollan, F. *et al.*
McDevitt, D. G., *see* Campbell, N. P. S. *et al.*
Johnston, G. D. *et al.*
McDonald, A. C., *see* Li, M. D. *et al.*
McFarlane, J., *see* Rees, A. H. *et al.*
Macfarlane, P. W. Modified axial lead system in children: correspondence. 1196
McGill, A. P. J., *see* Nicholson, P. W. *et al.*
McGoon, D. C., *see* Fiddler, G. I. *et al.*
Keeton, B. R. *et al.*
McGuiness, J. B., *see* Baxter, R. H. *et al.*
MacKay, E. H. (& Littler, W. A., Sleight, P.). Critical assessment of diagnostic value of endomyocardial biopsy. Assessment of cardiac biopsy. 69
McKay, R., *see* Lincoln, C. *et al.*
McKenna, W. (& Chew, C., Oakley, C.). 'Smokers' disease'. 440, *P.*
McKillop, J. H. (& Turner, J. G., Gray, H. W., Bessent, R. G., Greig, W. R.). Clinical value of delayed thallium-201 myocardial imagining in suspected acute myocardial infarction. 870
— *see also* Murray, R. G. *et al.*
Mackintosh, A. (& Jenner, R., Vincent, R., Woollons, D., Chamberlain, D.). Low amplitude electrical activity preceding right atrial electrogram in man. 455, *P.*
Mackintosh, A. F. (& Chamberlain, D. A., Curry, P. V. L.). Wolff-Parkinson-White syndrome (type A) complicated by heart block in both normal and accessory pathways: case report. 1317
McLeod, A. A. (& Jennings, K. P., Townsend, E. R.). Near fatal puerperal thrombosis on Björk-Shiley mitral valve prosthesis. 934
Macmanus, Q. (& Grunkemeier, G., Lambert, L., Diethl, C., Starr, A.). Technical considerations in patients undergoing aortic valve replacement and aortocoronary bypass surgery. 608
McNeill, G. P. (& Taylor, N. C.). Use of subclavian vein for permanent cardiac pacing. 114
Maisey, M. N., *see* Wainright, R. J. *et al.*
Makino, N., *see* Matsuguchi, H. *et al.*
Malcolm, A. D. (& Coltart, D. J., Rosenfeldt, F. L., Williams, B. T.). Inotropic stimulation without detriment to subendocardial perfusion in patients soon after cardiac surgery. 461, *P.*
Mallios, C., *see* Cokkinos, D. V. *et al.*
Malmberg, L., *see* Zetterqvist, P. *et al.*
Maloney, J. D., *see* Fiddler, G. I. *et al.*
Mandel, W. J. Lignocaine, a new technique for intravenous administration: correspondence. 429
Mantero, F., *see* Fallo, F. *et al.*
Maragno, I., *see* Fallo, F. *et al.*
Marcomichelakis, J. (& Donaldson, R., Joseph, S., Kelly, B., Taggart, P., Somerville, W.). Observations of influence of beta-blockade on specificity of treadmill exercise test. 441, *P.*
Marcus, M. L., *see* Mueller, T. M. *et al.*
Markis, J. E., *see* Green, L. H. *et al.*
Maron, B. J. (& Borer, J. S., Lau, S. H., Damato, A. N., Scott, L. P., Epstein, S. E.). Association of secundum atrial septal defect and atrioventricular nodal dysfunction. 1293
Martin, M. A. Assessment of correction formula for echocardiographic estimations of left ventricular volumes. 294
Maseri, A. Ionic tracer scanning in myocardial infarction. 444, *P.*
Mason, D. T. (& Cohen, L. S., Spann, Jr. J. F., DeMaria, A. N., Joye, J. A., Miller, R. R.). Diagnostic value of configuration of left ventricular outflow pressure gradient in differentiating hypertrophic obstructive cardiomyopathy from discrete types of aortic stenosis. 315
Mason, J. W. (& Specter, M. J., Ingels, N. B., Daughters, G. T., Ferris, A. C., Alderman, E. L.). Haemodynamic effects of acebutolol. 29
— (& Winkle, R. A., Meffin, P. J., Harrison, D. C.). Electrophysiological effects of acebutolol. 35
— *see also* Stemple, D. R. *et al.*
Mastrangelo, D., *see* Rizzon, P. *et al.*
Mathew, O. P., *see* Balasubramanian, V. *et al.*
Mathey, D. G., *see* Lekven, J., *et al.*
Matisonn, R. E., *see* Armstrong, T. G. *et al.*
Matsuguchi, H. (& Takeshita, A., Makino, N., Tanaka, S., Nakagaki, O., Kuroiwa, A., Nakamura, M.). Mahaim conduction producing left axis deviation and normal QRS. 902
Matsuo, H., *see* Beppu, S. *et al.*
Meade, T. W. (& Brozović, M., Chakrabarti, R., Haines, A. P., North, W. R. S., Stirling, Y.). Ethnic group comparisons of variables associated with ischaemic heart disease. 789
Mechelen, R. Van, *see* Van Mechelen, R.
Meffin, P. J., *see* Mason, J. W. *et al.*
Mehta, J. (& Pepine, C. J., Conti, C. R.). Haemodynamic effects of hydrallazine and of hydrallazine plus glyceryl trinitrate paste in heart failure. 845
Meijler, F. L. (& Moldenhauer, K., van Oosterom, A., Heintzen, P., Durrer, S.). Three-dimensional animation of spread of excitation of human heart. 437, *P.*
Melcher, A., *see* Freyschuss, U. *et al.*
Melendez, S., *see* Friedman, H. S. *et al.*
Menarguez, L., *see* Cardiel, E. A. *et al.*
Michaelsson, M., *see* Esscher, E. & Michaëlsson, M.
Miller, G., *see* Lincoln, C. *et al.*
Miller, G. A. H., *see* Sutton, M. G. St. J. *et al.*
Miller, M., *see* Grendahl, H. *et al.*
Miller, M. D., *see* Rees, A. H. *et al.*
Miller, R. R., *see* Mason, D. T. *et al.*
Mills, P. (& Leech, G., Davies, M., Leatham, A.). The natural history of a non-stenotic bicuspid aortic. 951
— *see also* Leech, G. *et al.*
Minamino, T., *see* Inoue, M. *et al.*
Mir, M. A. Evidence for non-infiltrative cardiomyopathy in acute leukaemia and lymphoma. 725
Mitha, A. S., *see* Armstrong, T. G. *et al.*
Mogensen, L., Antiarrhythmic drugs and pacemaker therapy. 433, *P.*
Moldenhauer, K., *see* Meijler, F. L. *et al.*
Monro, J. L. (& Sharratt, G. P., Conway, N.). Correction of anomalous origin of left coronary artery using left subclavian artery: case report. 79
— *see also* Bourdillon, P. D. V. *et al.*
Watkins, J. *et al.*
Montero, A. C., *see* Chahine, R. *et al.*
Moore, B. P., *see* Davies, M. J. *et al.*
Morch, J. E., *see* Wald, R. W. *et al.*
Mori, K. (& Ando, M., Takao, A., Ishikawa, S., Imai, Y.). Distal type of aortopulmonary window. Report of 4 cases. 681
Morley, L., *see* Rodger, C. & Morley, P.
Morris, J. N., *see* Oliver, M. F. *et al.*
Morris, T. (& Ruttley, M.). Left cervical aortic arch associated with aortic aneurysm: case report. 87
Morrison, G. W. & Macartney, F. J. Effects of oxygen administration, bicarbonate infusions, and brief hyperventilation on patients with pulmonary vascular obstructive disease. 1068, *P.*

MORRIT, G. N., *see* Forfar, J. C. *et al.*
MORTON, J. J., *see* Taylor, K. M. *et al.*
MOTTA, J., *see* Kleiman, J. H. *et al.*
MOULAERT, A. J., *see* Gittenberger-de Groot, A. C. *et al.*
Van Gils, F. A. W. *et al.*
MUELLER, T. M. (& Kerber, R. E., Marcus, M. L.). Comparison of interventricular septal motion studied by ventriculography and echocardiography in patients with atrial septal defects. 984
MUIR, A. L. Myocardial infarction: dynamic studies. 444, *P.*
— *see also* Sapru, R. P. *et al.*
MULHOLLAND, H. C. Demonstrations of aortopulmonary communications using a balloon angiocatheter. 1066, *P*
MURRAY, R. G. (& McKillop, J. H., Lorimer, A. R., Hutton, I., Greig, W. R., Turner, J. G., Lawrie, T. D. V.). Thallium^{201} exercise scintigraphy in diagnosis of coronary artery disease. 447, *P.*
MYERS, A., *see* Griffith, D. N. W. & Myers, A.
MYSIK, M., *see* Szczeklik, J. *et al.*

NAGATA, S., *see* Beppu, S. *et al.*
NAKAGAKI, O., *see* Matsuguchi, H. *et al.*
NAKAMURA, M., *see* Matsuguchi, H. *et al.*
NATIONAL CONFERENCE ON HIGH BLOOD PRESSURE CONTROL. California, 2-4 April 1978, notice. 334
NAYLER, W. G. (& Yepez, C. E., Ferrari, R.). Prolonged protective effect of propranolol on hypoxic heart muscle. 451, *P.*
— *see also* Petch, M. C. & Nayler, W. G.
NEILSON, G. (& Hossack, K. F.). Supravalvular aortic stenosis in a twin: case report. 1190
NELSON, R. R., *see* Turner, G. G. *et al.*
NETO, J. A. M., *see* Fitchett, D. H. *et al.*
NEUTZE, J. M., *see* Bass, N. M. *et al.*
NEWMAN, C.: The 400th anniversary of the birth of William Harvey: editorial. 705
NEWTON, P., *see* Brown, A. J. *et al.*
NICHOLSON, P. W. (& Dobbs, S. M., McGill, A. P. J., Rodgers, E. M., Slater, E.). A score for prescribing digoxin. 177
NIMURA, Y., *see* Beppu, S. *et al.*
NISHIMOTO, Y., *see* Inoue, M. *et al.*
NITTER-HAUGE, S. Circulatory effects of controlled arterial hypotension with trimetaphan (Arfonad). Experimental study in patients with left ventricular failure. 401
— (& Simonsen, S., Langmark, F.). Myocardial biopsy in diagnosis of endomyocardiopathy in patient with electro- and vectorcardiographic signs of myocardial infarction: case report. 1419
NORDGREN, L., *see* Landelius, J. & Nordgren, L.
NORDLANDER, R., *see* Nyquist, O. & Nordlander, R.
NORDSTROM, L. A., *see* Turner, G. G. *et al.*
NORTH, W. R. S., *see* Meade, T. W. *et al.*
NYBERG, G. Unbiased blood pressure measurement by cuff and stethoscope. Report on methodology and effects of β-blockers, labetalol, glyceryl trinitrate, and atropine on heart rate and blood pressure at rest and during sustained handgrip. 432, *P.*
NYQUIST, O. (& Nordlander, R.). Patients treated in CCU without acute myocardial infarction: high risk subgroup for subsequent myocardial infarction and/or cardiovascular death. 440, *P.*

OAKLEY, C. M., *see* Fitchett, D. H. *et al.*
MacArthur, C. G. C. *et al.*
McKenna, W. *et al.*
O'BRIEN, K., *see* Emanuel, R. *et al.*
OKOROMA, E. O., *see* Saalouke, M. G. *et al.*
OLDERSHAW, P. J., *see* Sutton, M. G. St. J. *et al.*
OLIVER, M. F. (& Heady, J. A., Morris, J. N., Cooper, J.). A co-operative trial in the primary prevention of ischaemic heart disease using clofibrate. Report from the Committee of Principal Investigators. 1069
— (& Logan, R. L., Riemersma, R. A., Lutz, W., Olsson, A.G., Walldius, G., Rossner, S., Kaijser, L., Carlson, L. A.). The Edinburgh-Stockholm study of coronary heart disease risk factors. 439, *P.*
— *see also* Fulton, M. *et al.*
Russell, D. C. & Oliver, M..F .
OLLEY, P. M., *see* Freedom, R. M. *et al.*
OLSEN, E. G. J. Endomyocardial biopsy: editorial. 95
— (& Symons, C., Hawkey, C. M.). Effect of triac and propranolol on developing myocardium in rats. 1068, *P.*
OLSSON, A. G., *see* Oliver, M. F. *et al.*
OLSSON, S. B. (& Khalsa, A., Edvardsson, N.). Regular ventricular rhythm in spite of atrial fibrillation. Study with oral Verapamil in high doses. 453, *P.*
— (& Örndahl, G., Eneström, S.). Spontaneous reversion from year-long atrial fibrillation to sinus rhythm. 438, *P.*
OOSTEROM, A. VAN, *see* van Oosterom, A.
OPEN INTERNATIONAL SYMPOSIUM ON LACTATE IN ACUTE CONDITIONS. Basle, 17 March 1978, notice. 209
OPPENHEIMER-DEKKER, A., *see* van Gils, F. A. W. *et al.*
ORAM, S., *see* Jackson, G. *et al.*
Richardson, P. J. *et al.*
Rothman, M. T. *et al.*
ÖRNDAHL, G., *see* Olsson, S. B. *et al.*
OSTROWSKI, D., *see* Krovetz, L. J. *et al.*

PAGE, A. J. F. (& Littler, W. A.). Paradoxical motion of ventricular septum in diastole—a unifying hypothesis. 442, *P.*
PAGE, R. E. (& Deverall, P. B., Watson, D. A., Scott, O.). Height and weight gain after total correction of Fallot's tetralogy. 416
PANETH, M., *see* Sutton, M. G. St. J. *et al.*
PANNETIER, A., *see* Aubert, J. *et al.*
PANTRIDGE, J. F., *see* Campbell, N. P. S. *et al.*
PAPAZOGLOU, N., *see* Cokkinos, D. V. *et al.*
PARKER, D. J., *see* Sayer, R. E. *et al.*
PARKER, J., *see* Davies, M. J. *et al.*
PARKER, J. O., *see* Thadani, U. & Parker, J. O.
PARMLEY, W. W., *see* Lekven, J. *et al.*
PATEL, M. R., *see* Schieken, R. M. *et al.*
PATEL, R. (& Fox, K., Taylor, J. F. N., Graham, G. R.). Tricuspid atresia. 1408
— *see also* Towne, W. D. *et al.*
PATEL, R. G., *see* Fox, K. M. *et al.*
PEARCE, P., *see* Ell, P. J. *et al.*
PEDOE, H. D. T. Predictability of sudden death from resting electrocardiogram. *Effect of previous manifestations of coronary heart disease.* 630
PEDOE, H. T. Uses of coronary heart attack registers. 510
PEHRSSON, K., *see* Carlens, P. *et al.*
PENINGTON, C., *see* Hunt, D. *et al.*
PENNELL, J. P., *see* Kleiman, J. H. *et al.*
PENTECOST, B. L. Current approaches to management of myocardial infarction. Introduction. 433, *P.*
PEPINE, C. J., *see* Feldman, R. L. *et al.*
Mehta, J. *et al.*
Schang, S. J. & Pepine, C. J.
PEPLOE, M. M. WEBB-, *see* Webb-Peploe, M. M.
PERNOD, J. (& Piwnica, A., Duret, J. C.). Right atrial myxoma: an echocardiographic study: case report. 201
PERRY, L. W., *see* Saalouke, M. G. *et al.*
PETCH, M. C. (& Nayler, W. G.). Uptake of noradrenaline by human heart muscle. 450, *P.*

PETER, T. (& Ross, D., Duffield, A., Luxton, M., Harper, R., Hunt, D., Sloman, G.). Effect on survival after myocardial infarction of long-term treatment with phenytoin. 1356
PICKERING, T. G. (& Goulding, L.). Suppression of ventricular extrasystoles by perhexiline. 851
PICKERSGILL, A. J., *see* Hetzel, M. R. *et al.*
PIGOTT, V. M., *see* Spodick, D. H. *et al.*
PINNEY, S., *see* Fuller, J. H. *et al.*
PITT, A., *see* Federman, J. *et al.*
PIWNICA, A., *see* Pernod, J. *et al.*
POHL, J. E. F., *see* Wang, S. W. S. *et al.*
POLANYI, M., *see* Krovetz, L. J. *et al.*
PONLOT, R., *see* Serruys, P. W. *et al.*
POOL, J. (& Kunst, K., van Wermeskerken, J. L.). Two monitored cases of sudden death outside hospital. 627
POPP, R. L., *see* Kleiman, J. H. *et al.*
PRAKASH, R. Determination of right ventricular wall thickness in systole and diastole. 1257
PRIMHAK, R. A., *see* Brown, A. K. *et al.*
PRITCHETT, E. L. C., *see* Campbell, R. W. F. *et al.*
PRZYBYLSKI, J. (& Chiale, P. A., Halpern, M. S., Lázzari, J. O., Elizari, M. V., Rosenbaum, M. B.). Existence of automaticity in anomalous bundle of Wolff-Parkinson-White syndrome. 672
PYHEL, H. J. (& Stewart, J., Tavel, M. E.). Clinical assessment of calibrated jugular pulse recording. 297
PYZIK, Z., *see* Szczeklik, J. *et al.*

QUERO-JIMÉNEZ, M. The medial papillary complex: correspondence. 331

RADFORD, D. J., *see* Finley, J. P. *et al.*
RADLEY-SMITH, R. (& Ilsley, C., Levi, N., Yacoub, M.). Primary total correction of tetralogy of Fallot under age of 2 years: results of 50 consecutive unselected cases. 1066, *P.*
— (& Yacoub, M.). Late clinical and haemodynamic results in patients after Fontan procedure. 453, *P.*
RAFEL, E., *see* Ariza, S. *et al.*
RAFTERY, E. B., *see* Craig, M. W. M. *et al.*
Goldberg, A. D. *et al.*
RAHIMTOOLA, S. H., *see* Holden, W. *et al.*
RAINE, A. E. G. Antihypertensive and antiarrhythmic effects of beta-adrenergic blockers in patients on long-term therapy. 436, *P.*
— *see also* Vaughan Williams, E. M. *et al.*
RAIZES, G. S., *see* Yin, F. C. P. *et al.*
RAIZNER, A. E., *see* Chahine, R. *et al.*
RAPER, D. A. (& Curry, P. V. L., Sowton, E.). Spontaneous termination of paroxysmal re-entrant supraventricular tachycardia: mechanisms and implications for rational prophylactic or emergency therapy. 1062, *P.*
REES, A. H. (& Stefadouros, M. A., Strong, W. B., Miller, M. D., Gilman, P., Rigby, J. A., McFarlane, J.). Left ventricular performance in children with homozygous sickle cell anaemia. 690
REES, G. M., *see* Camm, A. J. *et al.*
REES, P. G. (& Daly, K., Taylor, J. F. N., Chrispin, A. J., Macartney, F. J.). Craniocaudal tilt in angiocardiographic visualisation of congenital heart defects. 1065, *P.*
REHNQVIST, N. Ventricular arrhythmias after acute myocardial infarction, prognostic weight, and natural history. 436, *P.*
REID, D. D., *see* Rose, G. *et al.*
REID, J. M., *see* Baxter, R. H. *et al.*
REID, L., *see* HAWORTH, S. G. & Reid, L.
REPORT OF A WORKING PARTY OF THE CARDIOLOGY COMMITTEE OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON. The cardiovascular fitness of airline pilots. 335
RICHARDSON, P. J. (& Atkinson, L., Oram, S.). Enzyme activities in endomyocardial biopsy samples from patients with cardiomyopathy. 456, *P.*
— *see also* Jackson, G. *et al.*
RICKARDS, A., *see* Thompson, R. *et al.*
RICKARDS, A. F. Storage and retrieval of pacemaker data. 445, *P.*
RIEMERSMA, R. A., *see* Oliver, M. F. *et al.*
RIGBY, J. A., *see* Rees, A. H. *et al.*
RIGBY, M. L. (& Silove, E. D.). Echocardiographic identification of potential complications after Mustard's operation. 442, *P.*
— *see also* Silove, E. D. *et al.*
Singh, S. P. *et al.*
RIJK, P. P. VAN, *see* Van Rijk, P. P.
RISSANEN, V. (& Romo, M., Siltanen, P.). Prehospital sudden death from ischaemic heart disease. 1025
RITTER, D. G., *see* Devloo-Blancquaert, A. & Ritter, D. G. Fiddler, G. I. *et al.*
RIVIER, J. L., *see* Turini, G. A. *et al.*
RIZZON, P. (& Di Biase, M., Chiddo. A., Mastrangelo, D., Sorgente, L.). Electrophysiological properties of intravenous metoprolol in man. 650
ROBERTS, R., *see* Gowda, S. K. *et al.*
ROBINSON, C. (& Birkhead, J., Crook, B., Jennings, K., Jewitt, D.). Clinical electrophysiological effects of antenolol—a new cardioselective beta-blocking agent. 14
— (& Jackson, G., Fisk, C., Jewitt, D.). Haemodynamic effects of atenolol in patients with coronary artery disease. 22
— *see also* Jackson, G. *et al.*
ROBINSON, H., *see* Chandraratna, P. A. N. *et al.*
ROBINSON, P. S. (& Crowther, A., Croft, D. N., Coltart, D. J.). Comparison of rest and exercise thallium 201 imagining with electrocardiography and coronary arteriography. 447, *P.*
— — Jenkins, B. S., Webb-Peploe, M. M., Coltart, D. J.). Exercise testing and thallium-201 myocardial perfusion imaging in evaluation of aorto-coronary bypass surgery. 1065, *P.*
ROCHE, A. H. G., *see* Bass, N. M. *et al.*
RODGER, C. & MORLEY, P. Papillary muscle echoes in hypertrophic obstructive cardiomyopathy. 1061, *P.*
RODGERS, F. M., *see* Nicholson, P. W. *et al.*
ROGEN, A. S., *see* Wood, S. F. *et al.*
ROLLWAGEN, R. L., *see* Corne, R. A. *et al.*
ROMO, M., *see* Rissanen, V. *et al.*
RÖNN, O. (& Johnson, G., Jordö, L., Lundborg, P., Wikstrand, J.). Human pharmacological studies with H 80/62, a selective $beta_1$ adrenoreceptor agonist. 454, *P.*
ROSE, G. (& Baxter, P. J., Reid, D. D., McCartney, P.). Prevalence and prognosis of electrocardiographic findings in middle-aged men. 636
ROSENBAUM, M. B., *see* Przybylski, J. *et al.*
ROSENFELDT, F. L., *see* Malcolm, A. D. *et al.*
ROSS, D. Results of surgery. 430, *P.*
— *see also* Peter, T. *et al.*
ROSS, J. K., *see* Watkins, J. *et al.*
ROSS, P., *see* Emanuel, R. *et al.*
Joseph, S. P. *et al.*
ROSSI, L. (& Thiene, G., Knippel, M.). A case of surgically corrected Wolff-Parkinson-White syndrome. Clinical and histological data: case report. 581
ROSSNER, S., *see* Oliver, M. F. *et al.*
ROTHMAN, M. T. (& Jackson, G., Lutkin, J., Atkinson, L., Jewitt, D. E., Chamberlain, D. A., Oram, S.). Thallium^{201} scintiscanning, regional myocardial lactate metabolism, and coronary angiography: a correlative study. 448, *P.*
ROUAULT, F., *see* Aubert, J. *et al.*
ROUSSEAU, M. F., *see* Serruys, P. W. *et al.*

ROWE, R. D., *see* Freedom, R. M. *et al.*
ROWLANDS, D. J. Nuclear approach to myocardial infarction. 443, *P.*
— *see also* Walton, S. *et al.*
Wang, S. W. S. *et al.*
ROWLAND, E. (& Krikler, D. M.). Significance of wide QRS complexes during paroxysmal reciprocating atrioventricular tachycardia (PRAVT). 458, *P.*
RUSSELL, D. C. Effect of glucose on pathogenesis of early ventricular arrhythmias during acute myocardial ischaemia. 437, *P.*
— (& Oliver, M. F.). Effect of antilipolytic therapy on ST segment elevation during myocardial ischaemia in man. 117
RUTTLEY, M., *see* Morris, T. & Ruttley, M.
RYDEN, L., Indications for different types of pacemaker. 445, *P.*

SAALOUKE, M. G. (& Perry, L. W., Okoroma, E. O., Shapiro, S. R., Scott, L. P.). Primitive ventricle with normally related great vessels and stenotic subpulmonary outlet chamber. Angiographic differentiation from tetralogy of Fallot. 49
SAKAKIBARA, H., *see* Beppu, S. *et al.*
SAN PEDRO, A., *see* Chandraratna, P. A. N. *et al.*
SANDERSON, J. E. (& Traill, T. A., Sutton, M. G. St. J., Brown, D. J., Gibson, D. G., Goodwin, J. F.). Left ventricular relaxation and filling in hypertrophic cardiomyopathy. An echocardiographic study. 596
— *see also* Ahmad, M. *et al.*
Gibson, D. G. *et al.*
SAPSFORD, R., *see* Selwyn, A. P. *et al.*
SAPSFORD, R. N. (& Fitchett, D. H., Tarin, D., Anderson, R. H.). Aneurysm of left ventricle secondary to bacterial endocarditis. 460, *P.*
SAPU, R. P. (& Hannan, W. J., Smith, H. J., Muir, A. L.). Effect of exercise, isoprenaline, and propranolol on left ventricular function in normal subjects and patients with angina as assessed by nuclear angiography. 1063, *P.*
SARAVALLI, O., *see* Somerville, J. *et al.*
SAVIOTTI, M., *see* Venco, A. *et al.*
SAWAYAMA, T. (& Kurihara, T., Araki, S.). Noninvasive cardiovascular findings in familial amyloid polyneuropathy. 1288
SAYER, R. E. (& Boylett, A., Parker, D. J.). Preservation of renal tubular function during cardiopulmonary bypass using pulsatile flow. 1067, *P.*
SCHANG, S. J. (& Pepine, C. J.). Coronary and myocardial metabolic effects of combined glyceryl trinitrate and propranolol administration. 1221
SCHIEKEN, R. M. (& Patel, M. R., Falsetti, H. L., Barnes, R. W., Lauer, R. M.). Effect of aortic valvular regurgitation upon the impedance cardiogram. 958
SCHNEIDER, R., *see* Chandraratna, P. A. N. *et al.*
SCHOLER, Y., *see* Hess, O. M. *et al.*
SCOTT, G. L., *see* Wenham, P. W. *et al.*
SCOTT, J. S., *see* Esscher, E. & Scott, J. S.
SCOTT, L. P., *see* Maron, B. J. *et al.*
Saalouke, M. G. *et al.*
SCOTT, O., *see* Page, R. E. *et al.*
SEABRA-GOMEZ, R., *see* Thompson, R. *et al.*
SERAFINI, A., *see* Chandraratna, P. A. N. *et al.*
SEKIGUCHI, M., *see* Horie, T. *et al.*
SELWYN, A. P. (& Fox, K. M., Steiner, R., Forse, G., Kivisaari, A., Shillingford, J. P.). Relation between coronary anatomy, myocardial perfusion, and praecordial electrocardiographic signs in coronary artery disease. 1064, *P.*
— — Welman, E., Jonathan, A., Shillingford, J. P.). Loss of electrically active myocardium during inferior infarction in man. 1019
— — — Shillingford, J. P.). Natural history and evaluation of Q waves during acute myocardial infarction. 383
— (Kivisaari, A., Forse, G., Fox, K., Evans, T., Fitchett, D., Sapsford, R., Steiner, R.). Assessment of myocardial perfusion in angina pectoris using Krypton-81m. 446, *P.*
— *see also* Fox, K. M. *et al.*
SEMPLE, T. (& Williams, B. O., Baxter, R. H.). Spontaneous coronary artery perforation with tamponade: case report. 1423
SENNING, A. *see* Hess, O. M. *et al.*
SERRUYS, P. W. (& Rousseau, M. F., Cosyns, J., Ponlot, R., Brasseur, L. A., Detry, J.-M.). Haemodynamics during maximal exercise after coronary bypass surgery. 1205
SETH, H. N., *see* Sharma, S. C. & Seth, H. N.
SETHIA, B. (& Williams, B. T.). Tricuspid valve excision without replacement in a case of endocarditis secondary to drug abuse: case report. 579
SEVER, P. S., *see* Vecht, R. J. *et al.*
SHAPIRO, S. R., *see* Saaoluke, M. G. *et al.*
SHARMA, R. K. (& Ahuja, R. C., Tandon, O. P., Chaturvedi, U. C.). Leucocyte migration inhibition tests in cases of ischaemic heart disease. 541
SHARMA, S. C. (& Seth, H. N.). Platelet adhesiveness, plasma fibrinogen, and fibrinolytic activity in acute myocardial infarction. 526
— *see also* Balasubramanian, V. *et al.*
SHARRATT, G. P. Intraoperative left ventricular perforation with false aneurysm formation: correspondence. 333
— *see also* Monro, J. L. *et al.*
SHAVER, P. J. (& Carrig, T. F., Baker, W. P.). Postpartum coronary artery dissection: case report. 83
SHAW, D. B. (& Kekwick, C. A.). Potential candidates for pacemakers. Survey of heart block and sinoatrial disorder (sick sinus syndrome). 99
SHAW, T. R. D. (& Corrall, R. J. M., Craib, I. A.). Cardiac and respiratory standstill during sleep: case report. 1055
SHERIF, N. EL-, *see* El-Sherif, N. *et al.*
SHIELDS, R. A. Instrumental and technical capabilities and limitations. 445, *P.*
— *see also* Walton, S. *et al.*
SHILLINGFORD, J. P., *see* Fox, K. M. *et al.*
Selwyn, A. P. *et al.*
SHINEBOURNE, E., *see* Lincoln, C. *et al.*
SHIROFF, R., *see* Leaman, D. M. *et al.*
SHIU, M. F. (& Crowther, A., Jenkins, B. S., Webb-Peploe, M. M.). Echocardiographic and exercise evaluation of results after mitral valvotomy operations. 443, *P.*
— (& Jenkins, B. S., Webb-Peploe, M. M.). Echocardiographic analysis of posterior mitral leaflet movement in mitral stenosis. 372
SHOALEH-VAR, M. (& Lundman, T., Ahnve, S.). Relation between QT interval and ventricular arrhythmias in acute myocardial infarction. 439, *P.*
SILOVE, E. D. (& Rigby, M. L., Singh, S. P.). Value of echocardiography in distinguishing valvar from subvalvar aortic stenosis. 443, *P.*
— *see also* Rigby, M. L. & Silove, E. D.
SILTANEN, P., *see* Rissanen, V. *et al.*
SILVERMAN, M. E., *see* Faruqui, A. M. A. & Silverman, M. E.
SIMONSEN, S., *see* Nitter-Hauge, S. *et al.*
SINCLAIR, R. B. LOGAN-, *see* Logan-Sinclair, R. B.
SINGH, S. P. (& Rigby, M. L., Astley, R.). Demonstration of pulmonary arteries by contrast injection into pulmonary vein. 55
— *see also* Silove, E. D. *et al.*
SLATER, E., *see* Nicholson, P. W. *et al.*
SLEIGHT, P., *see* Mackay, E. H. *et al.*
SLOMAN, G., *see* Hunt, D. *et al.*
Peter, T. *et al.*
SMITH, A., *see* Wilkinson, J. L. *et al.*

SMITH, D. R., *see* Tandon, A. P. *et al.*
SMITH, H. J., *see* Sapru, R. P. *et al.*
SMITH, K. A. HALLIDIE-, *see* Hallidie-Smith, K. A.
SMITH, R. A., *see* Campbell, R. W. F. *et al.*
SMITH, R. H., *see* Dewar, H. A. *et al.*
SMITH, R. RADLEY-, *see* Radley-Smith, R.
SOBEL, B. E., *see* Gowda, S. K. *et al.*
SOMER, H., *see* Kaste, M. *et al.*
SOMERVILLE, J. (& Becú, L.). Congenital heart disease associated with hypertrophic cardiomyopathy. 1034
— (& Kaku, S., Saravalli, O.). Prolapsed mitral cusps in atrial septal defect. An erroneous radiological interpretation. 58
— *see also* Sutherland, G. R. & Somerville, J.
SOMERVILLE, W., *see* Marcomichelakis, J. *et al.*
SORGENTE, L., *see* Rizzon, P. *et al.*
SOWTON, E. Pacemaker therapy—present status. Introduction. 445, *P.*
— *see also* Raper, D. A. *et al.*
Wainwright, R. J. *et al.*
SOYER, R., *see* Letac, B. *et al.*
SPANN, J. F., *see* Mason, D. T. *et al.*
SPECTER, M. J., *see* Mason, J. W. *et al.*
SPODICK, D. H. A study in systolic time intervals during uninterrupted exercise: correspondence. 586
— (& Ball, H. G., Pigott, V. M.). Effects of recording speed on precision of time-based polycardiographic measurements. 1344
— (& twelve others) Equal standards for medical and surgical treatments: responsibility for reviewers and editors: correspondence. 1429
SPURGEON, H. A., *see* Yin, F. C. P. *et al.*
SPURRELL, R., *see* Stephens, J. *et al.*
SPURRELL, R. A. J., *see* Camm, A. J. *et al.*
Dymond, D. S. *et al.*
Ward, D. E. *et al.*
STANILOFF, H. M., *see* Wald, R. W. *et al.*
STARK, J. (& de Leval, M., Gandhi, D., Macartney, F., Taylor, J.). Management of persistent truncus arteriosus in infancy. 452, *P.*
— (& Gandhi, D., de Leval, M., Macartney, F., Taylor, J. F. N.). Surgical treatment of persistent truncus arteriosus in the first year of life. 1280
— *see also* Byrne, J. *et al.*
Cooper, D. K. C. *et al.*
Fox, K. M. *et al.*
Weller, P. H. *et al.*
STARKE, I. D. Long-term follow up of cardiac pacing threshold using a noninvasive method of measurement. 530
STARR, A., *see* Macmanus, Q. *et al.*
STEFADOUROS, M. A., *see* Rees, A. H. *et al.*
STEINER, R., *see* Selwyn, A. P. *et al.*
STEMPLE, D. R. (& Hall, R. J. C., Mason, J. W., Harrison, D. C.). Electrophysiological effects of edrophonium in the innervated and the transplanted denervated human heart. 644
STEPHENS, J. (& Camm, J., Spurrell, R.). Improvement in exercise haemodynamics by isosorbide dinitrate in patients with severe congestive cardiac failure secondary to ischaemic heart disease. 832
— (& Dymond, D., Spurrell, R.). Enhancement by isosorbide dinitrate of haemodynamic effects of dopamine in chronic congestive cardiac failure. 838
— (& Hayward, R., Ead, H., Adams, L., Hamer, J., Spurrell, R.). Effects of selective and non-selective beta-adrenergic blockade on coronary dynamics in man assessed by rapid atrial pacing. 856
— *see also* Dymond, D. S. *et al.*
STERLING, G. M., *see* Declamer, P. B. S. *et al.*
STERNBERG, L., *see* Wald, R. W. *et al.*
STEVENSON, J. G., *see* Baxter, R. H. *et al.*
STEWART, J., *see* Pyhel, H. J. *et al.*
STIRLING, Y., *see* Meade, T. W. *et al.*
STONE, M. C., *see* Dick, T. B. S. & Stone, M. C.
STOTT, F. D., *see* Goldberg, A. D. *et al.*
STOWE, D. F., *see* Lekven, J. *et al.*
STRACHAN, R. W., *see* How, J. & Strachan, R. W.
STRONG, W. B., *see* Rees, A. H. *et al.*
STROUD, N. P., *see* Vincent, R. *et al.*
STURRIDGE, M. F., *see* Donaldson, R. M. *et al.*
SUKUMAR, I. P., *see* Basu, B. *et al.*
SUMNER, D. J., *see* Whiting, B. *et al.*
SUTHERLAND, G. R. (& Somerville, J.). Correction of ostium primum defect—late complications. 452, *P.*
SUTTON, G. C. Valvular disease. 434, *P.*
SUTTON, M. G. St. J. (& Miller, G. A. H., Oldershaw, P. J., Paneth, M.). Anticoagulants and the Björk-Shiley prosthesis. 558
— *see also* Sanderson, J. E. *et al.*
SUTTON, R. Pacing for optimal function in spectrum of sick sinus syndrome and atrioventricular block. 455, *P.*
SWANTON, R. H. (& Thomas, M. L., Coltart, D. J., Jenkins, B. S., Webb-Peploe, M. M., Williams, B. T.). Coronary artery ectasia—a variant of occlusive coronary arteriosclerosis. 393
SWEDISH SOCIETY OF CARDIOLOGY AND BRITISH CARDIAC SOCIETY, Joint Meeting, London, November 1977, proceedings. 430
SYED, S. (& Jung, R. T.). Cardiac tamponade caused by metastasising haemangioendothelial sarcoma of the liver: case report. 697
SYLVEN, C. Myoglobin and creatine kinase in serum in patients treated in a coronary care unit. 451, *P.*
SYMONS, G., *see* Olsen, E. G. J. *et al.*
SYMPOSIUM ON EXERCISE AND CARDIOVASCULAR FUNCTION. Bratislava, 11-13 October 1978, notice. 210
SZAMOSI, A. Significance of epicardial fat layer in radiological evaluation of heart disease. 462, *P.*
SZCZEKLIK, J. (& Dubiel, J. S., Mysik, M., Pyzik, Z., Krol, R., Horzela, T.). Effects of prostaglandin E_1 on pulmonary circultaion in patients with pulmonary hypertension. 1397

TAGGART, P., *see* Marcomichelakis, J. *et al.*
TAKAO, A., *see* Mori, K. *et al.*
TAKESHITA, A., *see* Matsuguchi, H. *et al.*
TALBOT, S. (& Kilpatrick, D., Weekes, B.). Vectorcardiographic features of ventricular extrasystoles correlated with conventional scalar electrocardiographic interpretation. 883
TAMAI, M., *see* Beppu, S. *et al.*
TANAKA, S., *see* Matsuguchi, H. *et al.*
TANDON, A. P. (& Smith, D. R., Whitaker, W., Ionescu, M. I.). Long-term haemodynamic evaluation of aortic pericardial xenograft. 602
TANDON, O. P., *see* Sharma, R. K. *et al.*
TARAZI, R. C., *see* Estafanous, F. G. *et al.*
TARIN, D., *see* Sapsford, R. N. *et al.*
TASGAL, J., *see* Vaughan Williams, E. M. *et al.*
TAVEL, M. E., *see* Pyhel, H. J. *et al.*
TAYLOR, D. J. E. (& Braithwaite, R. A.). Cardiac effects of tricyclic antidepressant medication. 1005
TAYLOR, J., *see* Stark, J. *et al.*
TAYLOR, J. F. N., *see* Byrne, J. *et al.*
Fox, K. M. *et al.*
Macartney, F. J. *et al.*
Patel, R. *et al.*
Rees, P. G. *et al.*
Stark, S. *et al.*
Weller, P. H. *et al.*

TAYLOR, K. M. (& Brannan, J., Bain, W. H., Caves, P. K., Morton, J. J.). Role of angiotensin II in development of peripheral vasoconstriction during cardiopulmonary bypass. 461, *P.*
TAYLOR, N. C., *see* McNeill, G. P. & Taylor, N. C.
TAYLOR, P. C., *see* Estafanous, F. G. *et al.*
TAYLOR, S. H. (& Watt, S. J., Goldstraw, P. W.). Effects of treatment on pressor responses to exertion in hypertensive patients. 431, *P.*
TESTA, H. J., *see* Walton, S. *et al.*
TEWARI, S. C., *see* Balasubramanian, V. *et al.*
THADANI, U. (& Parker, J. O.). Influence of glyceryl trinitrate during supine and upright exercise in patients with angina pectoris. 1229
THIENE, G., *see* Rossi, L. *et al.*
THOMAS, M. L., *see* Swanton, R. H. *et al.*
THOMPSON, R. (& Ahmed, M., Seabra-Gomez, R., Rickards, A., Towers, M., Yacomb, M.,). Effect of surgical versus medical treatment of left ventricle in patients with stable angina: a prospective randomised study. 449, *P.*
— *see also* Ahmed, M. *et al.*
Yacoub, M. *et al.*
THOREN, P. N., *see* Jones, J. V. & Thoren, P. N.
THULIN, T. (& Werner, O.). Exercise test and 24-hour heart rate recording in men with high and low casual blood pressure levels. 534
TIWARI, S. C., *see* Balasubramanian, V. *et al.*
TOUBOUL, P. (& Vexler, R. M., Chatelain, M. T.). Re-entry via Mahaim fibres as a possible basis for tachycardia: case report. 806
TOWERS, M., *see* Ahmed, M. *et al.*
Thompson, R. *et al.*
Yacoub, M. *et al.*
TOWNE, W. D. (& Patel, R., Cruz, J., Kramer, N., Chawla, K. K.). Effects of gravitational stresses on mitral valve prolapse. I. Changes in auscultatory findings produced by progressive passive head-up tilt. 482
TOWNSEND, E. R., *see* McLeod, A. A. *et al.*
TRAILL, T. A. (& Doran, J. H., Brown, D. J., Gibson, D. G.). Detection of incoordinate left ventricular contraction by M-mode echocardiography: comparison with cineangiography. 442, *P.*
— (& Gibson, D. G., Brown, D. J.). Study of left ventricular wall thickness and dimension changes using echocardiography. 162
— *see also* Doran, J. H. *et al.*
Gibson, D. G. *et al.*
Sanderson, J. E. *et al.*
TROMSDAL, A., *see* Hatle, L. *et al.*
TURINA, M., *see* Hess, O. M. *et al.*
TURINI, G. A. (& Brunner, H. R., Ferguson, R. K., Rivier, J. L., Gavras, H.). Congestive heart failure in normotensive man. 1134
TURNER, G. G. (& Nelson, R. R., Nordstrom, L. A., Diefenthal, H. C., Gobel, F. L.). Comparative effect of nadolol and propranolol on exercise tolerance in patients with angina pectoris. 1361
TURNER, J. G., *see* McKillop, J. H. *et al.*
Murray, R. G. *et al.*
TURNER, W. L., *see* Charles, R. & Turner, W. L.
TYBERG, J. V., *see* Lekven, J. *et al.*

UNAL, D., *see* Aubert, J. *et al.*

VALLANCE, B. D. (& Hume, R., Weyers, E.). Reassessment of changes in leucocyte and serum ascorbic acid after acute myocardial infarction. 64
VALLIN, H., *see* Edhag, O. *et al.*
Zetterqvist, P. *et al.*
VAN DER HAUWAERT, L. G. (& Fryns, J. P., Dumoulin, M., Logghe, N.). Cardiovascular malformations in Turner's and Noonan's syndromes. 500
VAN DER HOEVEN, G. M. A. (& Clerens, P. J. A., Donders, J. J. H., Beneken, J. E. W., Vonk, J. T. C.). A study of systolic time intervals during uninterrupted exercise: correspondence. 587
VAN GILS, F. A. W. (& Moulaert, A. J., Oppenheimer-Dekker, A., Wenink, A. C. G.). Transposition of the great arteries with ventricular septal defect and pulmonary stenosis. 494
VAN HEMEL, N. M., *see* Van Mechelen, R. *et al.*
VAN MECHELEN, R. (& Van Hemel, N. M., Van Rijk, P. P.). Non-invasive diagnosis of pseudoaneurysm of left ventricle: case report. 812
VAN OOSTEROM, A., *see* Meijler, F. L. *et al.*
VAN RIJK, P. P., *see* Van Mechelen, P. *et al.*
VAN WERMESKERKEN, J. L., *see* Pool, J. *et al.*
VAUGHAN WILLIAMS, E. M. (& Tasgal, J., Raine, A. E. G.). Morphological changes in myocardium induced by prolonged beta-adrenoceptor blockade. 454, *P.*
VECHT, R. J. (& Bradfield, J. W. B.). Left ventricular apical thin point: correspondence. 823
— (& Graham, G. W. S., Sever, P. S.). Plasma noradrenaline concentrations during isometric exercise. 1216
VEDIN, A., *see* Bergstrand, R. *et al.*
VENCO, A. (& Saviotti, M., Besana, D., Finardi, G., Lanzi, G.). Non-invasive assessment of left ventricular function in myotonic muscular dystrophy. 1262
VEXLER, R. M., *see* Touboul, P. *et al.*
VINCENT, R. (& Stroud, N. P., Jenner, R., English, M. J., Woollons, D. J., Chamberlain, D. A.). Noninvasive recording of electrical activity in the PR segment in man. 124
— *see also* Mackintosh, A. *et al.*
VOLPE, U. Left anterior hemiblock masking coronary insufficiency: case report. 1188
VONK, J. T. C., *see* van der Hoeven, G. M. A. *et al.*
VORIDES, E. M., *see* Cokkinos, D. V. *et al.*

WAAGSTEIN, F., *see* Hjalmarsson, A. *et al.*
WADA, H., *see* Inoue, M. *et al.*
WADE, E. G., *see* Wang, S. W. S. *et al.*
WAINWRIGHT, R. J. (& Maisey, M. N., Curry, P. V. L., Sowton, E.). Localisation of coronary artery disease by thallium-201 stress myocardial scintigraphy. 1063, *P.*
— — Sowton, E.). Segmental quantitative thallium scintigraphy in diagnosis of coronary artery disease—correlation with coronary arteriography and exercise stress testing. 447, *P.*
WALD, R. W. (& Sternberg, L., Huckell, V. F., Staniloff, H. M., Feiglin, D. H., Morch, J. E.). Technetium-99m stannous pyrophosphate scintigraphy in patients with calcification within the cardiac silhouette. 547
WALLACE, A. G., *see* Campbell, R. W. F. *et al.*
WALLDIUS, G., *see* Oliver, M. F. *et al.*
WALLENTIN, I., *see* Wikstrand, J. *et al.*
WALLIN, J., *see* Bergstrand, R. *et al.*
WALMSLEY, R. Anatomy of human mitral valve in adult cadaver and comparative anatomy of the valve. 351
WALSH, M. J. Systemic sarcoidosis with refractory ventricular tachycardia and heart failure: case report. 931
WALTON, S. (& Kafetzakis, E., Shields, R. A., Testa, H. J., Rowlands, D. J.). Use of ^{129}caesium, $^{99}Tc^{m}$ stannous pyrophosphate, and a combination of the two in the assessment of myocardial infarction. 874
WANDLESS, I., *see* Whiting, B. *et al.*
WANG, S. W. S. (& Pohl, J. E. F., Rowlands, D. J., Wade, E. G.). Diazoxide in treatment of primary pulmonary hypertension. 572

WARD, D. E. (& Camm, A. J., Spurrell, R. A. J.). Re-entrant tachycardia using two bypass tracts and excluding AV node in short PR interval, normal QRS syndrome. 1127
— — — Re-entrant tachycardia involving concealed retrograde direct VA pathway in patients with short PR interval, normal QRS complex syndrome. 458, *P.*
— *see also* Camm, A. J. *et al.*
WARNICA, J. W. (& Goresky, C. A., Burgess, J. H.). Changes with exercise in dilution estimates of extravascular lung water in patients with mitral stenosis. 665
WARREN, S. E. (& Dennish, G.). Vasodilator treatment for acute and chronic heart failure: correspondence. 1059
WATERSON, A. P., *see* MacArthur, C. G. C. *et al.*
WATKINS, J. (& Conway, N., Hyde, I., Monro, J. L., Ross, J. K.). Yield of coronary arteriography before aortic valve replacement. 461, *P.*
— *see also* Chapman, R. W. G. & Watkins, J.
WATSON, D. A., *see* Page, R. E. *et al.*
WATT, S. J., *see* Taylor, S. H. *et al.*
WEBB, S. W., *see* Geddes, J. S. *et al.*
WEBB-PEPLOE, M. M., *see* Robinson, P. S. *et al.*
Shiu, M. F. *et al.*
Swanton, R. H. *et al.*
WEDEL, H., *see* Bergstrand, R. *et al.*
WEEKS, B., *see* Talbot, S. *et al.*
WEIR, E. K., *see* Armstrong, T. G. *et al.*
WEISFELDT, M. L., *see* Yin, F. C. P.
WEISSWANGE, A., *see* Csapo, G. & Weisswange, A.
WELLER, P. H. (& Haworth, S. G., Taylor, J. F. N., Macartney, F. J., de Leval, M., Stark, J.). Working capacity of children with transposition of the great arteries after Mustard repair. 1066, *P.*
WELMAN, E., *see* Fox, K. M. *et al.*
Selwyn, A. P. *et al.*
WENHAM, P. W. (& Scott, G. L., Wisheart, J. D.). Red cell survival after aortic valve replacement with Björk-Shiley prosthesis in presence of sickle-cell trait: case report. 703
WENINK, A. C. G. The medial papillary complex: correspondence. 331
— *see also* Van Gils, F. A. W. *et al.*
WERMESKERKEN, J. L. VAN, *see* van Wermeskerken, J. L.
WERNER, O., *see* Thulin, T. & Werner, O.
WEST, R. R. & HENDERSON, A. H. What does *not* cause ischaemic heart disease. 1064, *P.*
WEYERS, E., *see* Vallance, B. D. *et al.*
WHAYNE, T., *see* Chandraratna, P. A. N. *et al.*
WHITAKER, W., *see* Tandon, A. P. *et al.*
WHITE, J., *see* Joseph, S. P. *et al.*
WHITESIDE, J. D. (& Gillmer, D.). Echocardiography in a district general hospital. 433, *P.*
WHITFORD, J. A., *see* Federman, J. *et al.*
WHITING, B. (& Wandless, I., Sumner, D. J., Goldberg, A.). Computer-assisted review of digoxin therapy in the elderly. 8
WIKSTRAND, J. (& Berglund, G., Wilhelmsen, L., Wallentin, I.). Value of systolic and diastolic time intervals. 256
— *see also* Rönn, O. *et al.*
WILCKEN, D. E. L., *see* Donald, T. G. *et al.*
WILES, J. C., *see* Langou, R. A. *et al.*
WILHELMSEN, L., *see* Bergstrand, R. *et al.*
Wikstrand, J. *et al.*
WILHELMSSON, C., *see* Bergstand, R. *et al.*
WILKINSON, J. L. (& Smith, A., Linclon, C., Anderson, R. H.). Conducting tissues in congenitally corrected transposition with situs inversus. 41
WILLIAM HARVEY 400th ANNIVERSARY CELEBRATION. London. 9-13 July 1978. Notice. 209
WILLIAMS, B. O., *see* Semple, T. *et al.*
WILLIAMS, B. T., *see* Malcolm, A. D. *et al.*
Sethia, B. & Williams, B. T.
Swanton, R. H. *et al.*
WILLIAMS, D. R., *see* Heath, D. & Williams, D. R.
WILLIAMS, E. M. VAUGHAN, *see* Vaughan Williams, E. M.
WILLIAMS, E. S., *see* Ell, P. J. *et al.*
Joseph, S. P. *et al.*
WINKLE, R. A., *see* Mason, J. W. *et al.*
WISHEART, J. D., *see* Wenham, P. W. *et al.*
WITHERS, R., *see* Emanuel, R. *et al.*
WOOD, S. F. (& Rogen, A. S., Bell, E. J., Grist, N. R.). Role of Coxsackie B viruses in myocardial infarction. 523
WOOLF, N., *see* Ell, P. J. *et al.*
WOOLLONS, D., *see* Mackintosh, A. *et al.*
Vincent, R. *et al.*
WRIGHT, J. E. C., *see* Donaldson, R. M. *et al.*
WYSE, R. K. H., *see* Macartney, F. J. *et al.*

YACOUB, M. (& Thompson, R., Ahmed, M., Towers, M.). Effect of coronary grafting on incidence and prognosis of myocardial infarction in patients with stable angina: a prospective randomised study. 450, *P.*
— *see also* Ahmed, M. *et al.*
Radley-Smith, R. *et al.*
Thompson R. *et al.*
YEPEZ, C. E., *see* Nayler, W. G. *et al.*
YIN, F. C. P. (& Raizes, G. S., Guarnieri, T., Spurgeon, H. A., Lakatta, E. G., Fortuin, N. J., Weisfeldt, M. L.). Age-associated decrease in ventricular response to haemodynamic stress during beta-adrenergic blockade. 1349
YUSTE, P., Intraoperative left ventricular perforation with false aneurysm formation: correspondence. 333

ZAMAN, Q., *see* Friedman, H. S. *et al.*
ZELDIS, S. M., *see* Glaser, R. *et al.*
ZELIS, R., *see* Leaman, D. M. *et al.*
ZETTERQVIST, P. (& Malmberg, L., Vallin, H.). Familial form of pre-excitation associated with various forms of tachy- and bradyarrhythmias: electrocardiographic pattern documented through four generations. 459, *P.*

SUBJECT INDEX

1978, Volume 40

Acebutolol
  electrophysiological effects (Mason *et al.*). 35
  haemodynamic effects (Mason *et al.*). 29
Age-associated decrease in ventricular response to haemodynamic stress during beta-blockade (Yin *et al.*). 1349
Airline pilots, cardiovascular fitness, working party report (Royal College of Physicians). 335
Altitude, high, left ventricular dysfunction at (Balasubramanian *et al.*). 276
Amiodarone
  use in bradycardia-tachycardia syndrome (Brown *et al.*). 1149
  in ventricular pre-excitation, used in one identical twin, both twins suffering from differing forms (Bennett *et al.*). 147
Amyloid polyneuropathy, familial, noninvasive cardiovascular findings (Sawayama *et al.*). 1288
Anaesthesiology, Vth European Congress, Haemodynamics in Anaesthesia, Paris, 4-9 September 1978, notice. 209
Aneurysm
  aortic, associated with left cervical aortic arch: case report (Morris & Ruttley). 87
  formation, false, and intraoperative left ventricular perforation: correspondence (Yuste: Sharratt). 333
  right coronary artery, rupture into the right atrium: case report (Chapman & Watkins). 938
  ventricular, large, occurring after myocardial infarction (Letac *et al.*). 516
    left functional changes assessed by exercise radionuclide ventriculography (Dymond *et al.*). 1064, *P.*
    post-infarction, detection by first pass radionuclide ventriculography, using multicrystal gamma camera (Dymond *et al.*). 448, *P.*
    secondary to bacterial endocarditis (Sapsford *et al.*). 460, *P.*
Angina pectoris
  abnormal left ventricular wall movement during early systole in (Gibson *et al.*). 758
  assessment of myocardial perfusion using Krypton-81m (Slewyn *et al.*). 446, *P.*
  atenolol in (Jackson *et al.*). 998
  characteristics of women with (Bengtsson). 441, *P.*
  comparative effect of nadolol and propranolol on exercise tolerance (Turner *et al.*). 1361
  effect of exercise, isoprenaline, and propranolol on left ventricular function in, assessed by nuclear angiography (Sapru *et al.*). 1063, *P.*
  influence of glyceryl trinitate during supine and upright exercise (Thadani & Parker). 1229
  investigations (Julian). 430, *P.*
  with normal coronary arteriograms, coronary sinus lactate in diagnosis and treatment (Jackson *et al.*). 976
  effect of prolonged intensive training on cardiorespiratory response (Ari *et al.*). 1143
  relation to coronary artery disease in mitral and in aortic valve disease (Baxter *et al.*). 918
  stable, effect of coronary grafting on incidence and prognosis of myocardial infarction in patients with (Yacoub *et al.*). 450, *P.*
  — — effect of surgical versus medical treatment on left ventricle (Thompson *et al.*). 449, *P.*
  treatment non-surgically (Chamberlain). 431, *P.*
  unstable, coronary surgery for, incidence and mortality of perioperative myocardial infarction (Langou *et al.*). 767
Angiocardiography, projections with craniocaudal tilt in visualisation of congenital heart defects (Rees *et al.*). 1065, *P.*
Angiology, XIth International Congress, Prague, July 1978, notice. 209
Angiotensin II role in development of peripheral vasoconstriction during cardiopulmonary bypass (Taylor *et al.*). 461, *P.*
Anterograde conduction, gaps, in short PR interval, normal QRS complex syndrome (Camm *et al.*). 1119
Antiarrhythmic drugs
  and pacemaker therapy in myocardial infarction (Mogensen). 433, *P.*
  mexiletine, long-term (Campbell *et al.*). 796.
Antibiotic sterilised homograft valves, severe stenosis occurring in (Kosinski *et al.*). 194
Anticoagulants and the Björk-Shiley prosthesis, 390 patients (Sutton *et al.*). 558
Antilipolytic therapy, effect on ST segment elevation during myocardial ischaemia, man (Russell & Oliver). 117
Aortic
  arch, left cervical, associated with aortic aneurysm: case report (Morris & Ruttley). 87
  pericardial xenograft, long-term haemodynamics (Tandon *et al.*). 602
  regurgitation, with left atrial myxoma: case report (Bourdillon *et al.*). 575
    effect upon the impedance cardiogram (Schieken *et al.*). 958
    as manifestation of giant cell arteritis: case report (How & Strachan). 1052
    use of M-mode echocardiography to determine pathogenesis (Leech *et al.*). 460, *P.*
    pathology (Davis *et al.*). 460, *P.*
  stenosis, discrete subvalvar, subendocardial ischaemia in (Cassel *et al.*). 388
    discrete types, differentiation from HOCM, transaortic pressure gradient configuration (Mason *et al.*). 315
    major arrhythmias detected by 24-hour ambulatory monitoring (Kyriakidis *et al.*). 1062, *P.*
    supravalvular, in a twin: case report (Neilson & Hossack). 1190
  valve(s), bicuspid, left coronary artery anatomy (Johnson *et al.*). 489
    congenital, clinicogenetic study of 41 families (Emanuel *et al.*). 1402
    non-stenotic diagnosis (Leech *et al.*). 941: natural history (Mills). 951
    disease, advanced, with severe pulmonary hypertension (Basu *et al.*). 1310
    angina and coronary artery disease in (Baxter *et al.*). 918
    assessment of atrioventricular conduction (Friedman *et al.*). 911

replacement and aortocoronary bypass surgery combined, technical considerations (Macmanus *et al.*). 608
Björk-Shiley prosthesis, red cell survival after, in presence of sickle-cell trait: case report (Wenham *et al.*). 703
during acute rheumatic fever: case report (Khan *et al.*). 817
yield of coronary arteriography before (Watkins *et al.*). 461, *P.*
Aortocoronary bypass surgery, *see* Bypass surgery
Aortopulmonary
communication, demonstration using a balloon angio-catheter (Mulholland). 1066, *P.*
window, distal type, report of 4 cases (Mori *et al.*). 681
Arrhythmias
effect of beta-blockers (Raine). 436, *P.*
electrophysiology in management (Krikler). 434, *P.*
major, in aortic stenosis detected by 24-hour ambulatory monitoring (Kyriakidis *et al.*). 1062, *P.*
and respiratory standstill during sleep: case report (Shaw *et al.*). 1055
terminology: editorial (Kriler). 1325
ventricular, effects of external counterpulsation (Gowda *et al.*). 308
during myocardial ischaemia, effect of glucose (Russell). 437, *P.*
after myocardial infarction (Rehnqvist). 436, *P.*
incidence in first year after myocardial infarction (Federman *et al.*). 1243
and QT interval, in acute myocardial infarction, relation between (Shoaleh-var *et al.*). 439, *P.*
Arterial disease and hypertension, long-term considerations (Berry). 709
Arteriosclerosis, occlusive coronary, incidence of coronary artery ectasia (Swanton *et al.*). 393
Artificial heart and artificial kidney, International symposium on Instrumentation for, Brno, 12-15 September 1978, notice. 209
Ascorbic acid, serum and leucocyte, changes after acute myocardial infarction (Vallance *et al.*). 64
Asplenia syndrome, prostaglandin challenge in preoperative assessment (Freedom *et al.*). 91
Asthma, beta-blocking agents (Declamer *et al.*). 184
Atenolol
in angina pectoris (Jackson *et al.*). 998
clinical electrophysiological effects, (Robinson *et al.*). 14
haemodynamic effects in coronary artery disease (Robinson *et al.*). 22
Atrial
electrogram, low amplitude electrical activity preceding (Mackintosh *et al.*). 455, *P.*
fibrillation, effects on prognosis of acute myocardial infarction (Hunt *et al.*). 303
and WPW syndrome (Campbell *et al.*). 459, *P.*
year-long, spontaneous reversion to sinus rhythm (Olsson *et al.*). 438, *P.*
pacing and contrast medium compared as tests of ventricular function in coronary artery disease (Brundage and Farr). 250
transvenous, clinical experience (Geddes *et al.*). 589
septal defect, comparison of interventricular septal motion studied by ventriculography and echocardiography (Mueller *et al.*). 984
with prolapsed mitral cusps, erroneous radiological interpretation (Somerville *et al.*). 58
secundum, associated with atrioventricular nodal dysfunction, genetically transmitted syndrome (Maron *et al.*). 1293
Atrioventricular
block, chronic, with cardiac failure, value of pacing (Hetzel *et al.*). 864
intracardiac electrography (Evans). 435, *P.*
Mobitz II, atypical Wenckebach periodicity simulating (El-Sherif *et al.*). 1375
overdrive suppression of implanted pacemakers in patients with (Grendahl *et al.*). 106
and sick sinus syndrome, pacing for optimal function (Sutton). 455, *P.*
canal, complete, surgical correction in infants and children (Lincoln *et al.*). 451, *P.*
complete, surgical correction, results (Cooper *et al.*). 452, *P.*
malformations, two-dimensional echocardiography (Houston *et al.*). 1061, *P.*
persistent common, Ebstein's anomaly in (Caruso *et al.*). 1275
conduction, assessment in aortic valve disease (Friedman *et al.*). 911
nodal dysfunction, associated with secundum atrial septal defect, genetically transmitted syndrome (Maron *et al.*). 1293
valves, muscle ridge between, and malalignment of junction of these valves with ventricular septum (Devloo-Blancquaert & Ritter). 1267
Axial lead system, modified, in children: correspondence (Pearl: Macfarlane). 1196

Bacterial endocarditis, aneurysm of left ventricle secondary to (Sapsford *et al.*). 460, *P.*
Balloon angio-catheter, demonstration of aortopulmonary communication using (Mulholland). 1066, *P.*
Bedford, D. Evan, Obituary, 820
Beta-adrenergic blocking drugs
agonist H 80/62, human pharmacological studies (Rönn *et al.*). 454, *P.*
emergency antidote (Hjalmarsson *et al.*). 440, *P.*
age-associated decrease in ventricular response to haemodynamic stress during (Yin *et al.*). 1349
antihypertensive and antiarrhythmic effects in long-term therapy (Raine). 436, *P.*
in asthma (Declamer *et al.*). 184
in myocardial infarction, electrocardiographic signs and creatine kinase release in (Fox *et al.*). 435, *P.*
nadolol and propranolol, comparative effect on exercise tolerance in angina pectoris (Turner *et al.*). 1361
prolonged, inducing morphological changes in myocardium (Rönn *et al.*). 454, *P.*
selective and non-selective, effects on coronary dynamics assessed by rapid atrial pacing (Stephens *et al.*). 856
specificity, influence on treadmill exercise test (Marcomichelakis *et al.*). 441, *P.*
see also Acebutolol: Atenolol
Bicuspid aortic valves
congenital, clinicogenetic study of 41 families (Emanuel *et al.*). 1402
left coronary artery anatomy (Johnson *et al.*). 489
non-stenotic, diagnosis (Leech *et al.*). 941: natural history (Miils). 951
Biopsy, endomyocardial *see* Endomyocardial biopsy
Björk-Shiley prosthesis
and anticoagulants, 390 patients (Sutton *et al.*). 558
aortic valve replacement, red cell survival after in presence of sickle-cell trait: case report (Wenham *et al.*). 703
mitral valve prosthesis, associated with near fatal puerperal thrombosis: case report (McLoed *et al.*). 934
Block
atrioventricular, overdrive suppression test in selecting patients for pacemakers (Grendahl *et al.*). 106
bundle-branch, in setting of acute anteroseptal myocardial infarction: clinicopathological correlation (Becker *et al.*). 773

heart, complicating Wolff-Parkinson-White syndrome (type A): case report (Mackintosh *et al.*). 1317
congenital, complete, QT time in (Esscher & Michaëlsson). 438, *P.*
and sinoatrial disorder, and survey of pacemaker candidates (Shaw & Kekwick). 99
Blood
flow, splanchnic, effect of morphine on (Leaman *et al.*). 569
pressure, circadian rhythm in untreated hypertensive patients (Craig *et al.*). 432, *P.*
intra-arterial, continuous recordings in untreated hypertensive subjects (Goldberg *et al.*). 656
levels, high and low, exercise test and 24-hour heart rate recording in (Thulin & Werner). 534
measurement by cuff and stethoscope, report on methodology and effects of drugs (Nyberg). 432, *P.*
Brady- and tachyarrhythmias, familial form of pre-excitation associated with (Zetterqvist *et al.*). 459, *P.*
Bradycardia-tachycardia syndrome, use of amiodarone (Brown *et al.*). 1149
Bromocriptine in methyldopa treated hypertension: possible role of central dopaminergic activity (Lewis & Henderson). 1067, *P.*
Bundle-branch block
left, electrocardiographic criteria of left ventricular hypertrophy in (Cokkinos *et al.*). 320
in setting of acute anteroseptal myocardial infarction: clinicopathological correlation (Becker *et al.*). 773
Bundle of His *see* His bundle
Bypass grafting, *see* Coronary artery bypass grafting: Bypass surgery
Bypass surgery
and aortic valve replacement combined, technical considerations (Macmanus *et al.*). 608
exercise testing and thallium-201 myocardial perfusion imaging in evaluation (Robinson *et al.*). 1065, *P.*
haemodynamics during maximal exercise (Serruys *et al.*). 1205
preservation of renal tubular function using pulsatile flow (Sayer *et al.*). 1067, *P.*
results, follow-up in 343 patients (Donaldson *et al.*). 1200
left ventricular function before and after (Carlens *et al.*). 449, *P.*

^{129}Caesium, ^{99}Tc^{m} stannous pyrophosphate, and a combination of the two in assessment of myocardial infarction (Walton *et al.*). 874
Calcification within cardiac silhouette, ^{99m}-TC stannous pyrophosphate scintigraphy in (Wald *et al.*). 547
Cardiac
biopsy, assessment (Mackay *et al.*). 69
failure, congestive, isosorbide and dopamine in (Stephens *et al.*). 838
failure, *see* Heart failure
and respiratory standstill during sleep: case report (Shaw *et al.*). 1055
surgery, postoperative responses in 'prepared' child after (Gabriel & Danilowicz). 1046
tamponade caused by metastasising haemangioendothelial sarcoma of liver: case report (Syed & Jung). 697
Cardiogram, electrical impedance, in derivation of systolic time intervals (Balasubramanian *et al.*). 268
Cardiology
VIIIth European Congress, Paris, 22-26 June 1980, notice. 940
Evan Bedford Library, and its catalogue: editorial (Besterman). 707
International (merging of the International Cardiology Federation and the International Society of Cardiology): editorial (Goodwin). 465
Cardiomyopathy
congestive, oral hydrallazine in management (Fitchett *et al.*). 454, *P.*
primary, antibodies to Coxsackie B viruses in (MacArthur *et al.*). 456, *P.*
enzyme activities in endomyocardial biopsy samples from (Richardson *et al.*). 456, *P.*
hypertrophic obstructive (HOCM), differentiation from discrete types of aortic stenosis, left ventricular outflow pressure gradient configuration in (Mason *et al.*). 315
echocardiographic, haemodynamic, and angiographic correlations: correspondence (Lengyel: Chahine *et al.*). 427
incidence of thyroid disease (Bell *et al.*). 1306
interventricular septal motion in (Gehrke). 457, *P.*
left ventricular relaxation and filling in, echocardiography (Sanderson *et al.*). 596
occurring in congenital heart disease (Somerville & Becú). 1034
papillary muscle echoes in (Rodger & Morley). 1061, *P.*
regional left ventricular wall movement in (Gibson *et al.*). 1327
right-sided, echocardiographic findings: case report (Cardiel *et al.*). 1321
non-infiltrative, in acute leukaemia and lymphoma, clinical and echocardiographic study (Mir). 725
Cardiopulmonary bypass role of angiotensin II in development of peripheral vasoconstriction during (Taylor *et al.*). 461, *P.*
Cardiovascular
fitness, of airline pilots, working party report (Royal College of Physicians). 335
malformations in Turner's and Noonan's syndromes (Van der Hauwaert *et al.*). 500
System Dynamics, Third International Conference, August 1978, notice. 464
Catalogue of the Evan Bedford Library: editorial (Besterman). 707
Catheterisation
cardiac, excretion of myoglobin in urine after (Donald *et al.*). 1237
left heart, His bundle electrocardiography during (Cabeen & MacAlpin). 286
Cerebral disorders, acute, heart type creatine kinase isoenzyme (CK MB) in (Kaste *et al.*). 802
Cerebrovascular disease and ischaemic heart disease, regional variations in mortality in Britain (Fulton *et al.*). 563
Chest
diseases, VIth Asia Pacific Congress, Bombay, 18-22 November 1979, notice. 824
pain syndromes with normal coronary arteriograms, regional myocardial blood flow in (Green *et al.*). 242
Circulation research, German Society for, 44th Annual Scientific Meeting, March-April 1978, notice. 209
Circulatory system, modern methods of studying, symposium during William Harvey 400th Anniversay Celebration, London, July 1978, notice. 209
Clinical electrophysiology: innovations in diagnosis and management of cardiac arrhythmias, Second International Symposium, Chicago, 10-12 May 1978, notice. 209
Clofibrate in prevention of ischaemic heart disease, cooperative trial. Report from the Committee of Principal Investigators prepared by Oliver *et al.* 1069
Coarctation of aorta, plasma renin activity before and after surgical correction (Fallo *et al.*). 1415
Conducting tissues in congenitally corrected transposition with situs inversus (Wilkinson *et al.*). 41
Conduction defects, intracardiac electrography (Evans). 435, *P.*

Congenital heart defects
craniocaudal tilt in angiocardiographic visualisation (Rees *et al.*). 1065, *P.*
and pulmonary hypertension in infants, morphometric study of regional variation in lung structure, justification for lung biopsy (Haworth & Reid). 825
associated with hypertrophic cardiomyopathy (Somerville & Becú). 1034
Congenital heart block, and maternal connective tissue disease (Esscher & Scott). 457, *P.*
Congestive cardiomyopathy, *see* Cardiomyopathy, congestive
Congestive heart failure in normotensive man, role of renin angiotensin system (Turini *et al.*). 1134
Connective tissue disease, maternal, and congenital heart block (Esscher & Scott). 457, *P.*
Contrast medium and atrial pacing compared as tests of ventricular function in coronary heart disease (Brundage & Farr). 250
Coronary
artery bypass grafting, survival after, 7 years review (Ahmed *et al.*). 449, *P.*
effect on incidence and prognosis of myocardial infarction in patients with stable angina (Yacoub *et al.*). 450, *P.*
disease *see* Coronary heart disease
dissection, postpartum, with prolonged survival: case report (Shaver *et al.*). 83
ectasia, variant of occlusive coronary arteriosclerosis (Swanton *et al.*). 393
left, anatomy, and bicuspid aortic valves (Johnson *et al.*). 489
correction of anomalous origin using left subclavian artery: case report (Monro *et al.*). 79
perforation, spontaneous, with tamponade, demonstration by necropsy selective coronary arteriography: case report (Semple *et al.*). 1423
in univentricular hearts, applied anatomy (Keeton *et al.*). 1067, *P.*
care unit, patients treated in without myocardial infarction, high risk subgroup for subsequent myocardial infarction and/or cardiovascular death (Nyquist & Nordlander). 440, *P.*
dynamics, effects of selective and non-selective beta-adrenergic blockade on assessed by rapid atrial pacing (Stephens *et al.*). 856
heart attack registers, uses (Pedoe). 510
heart disease, causes (West & Henderson). 1064, *P.*
and cerebrovascular disease, regional variations in mortality in Britain (Fulton *et al.*). 563
disease, diagnosis by estimation of coronary sinus lactate (Jackson *et al.*). 979
ethnic group comparisons of variables associated with (Meade *et al.*). 789
haemodynamic effects of atenolol (Robinson *et al.*). 22
isosorbide and exercise in congestive cardiac failure secondary to (Stephens *et al.*). 832
leucocyte migration inhibition test in (Sharma *et al.*). 541
localisation by thallium-201 stress myocardial scintigraphy (Wainwright *et al.*). 1063, *P.*
in mitral and in aortic valve disease, relation of angina to (Baxter *et al.*). 918
plasma lipids in London population and their relation to other risk factors in (Fuller *et al.*). 170
prehospital sudden death from, postmortem study (Rissanen *et al.*). 1025
prevalence of three major risk factors (Dick & Stone) 617
prevention using clofibrate, co-operative trial. Report from the Committee of Principal Investigators prepared by Oliver *et al.* 1069
relation between coronary anatomy, myocardial perfusion, and praecordial electrocardiographic signs in (Selwyn *et al.*). 1064, *P.*
risk factors, Edinburgh-Stockholm study (Oliver *et al.*). 439, *P.*
sudden death, during monitoring outside hospital (Dick & Stone). 627
predictability (Pedoe). 630
surgery (de Leval). 446, *P.*
thallium^{201} exercise scintigraphy in diagnosis (Murray *et al.*). 447, *P.*
correlation with coronary arteriography and exercise stress testing (Robinson *et al.*). 447-8, *P.*
ventricular function, comparison of contrast medium and atrial pacing as tests (Brundage & Farr). 250
ventricular wall movement, abnormal left, during isovolumic contraction in (Gibson *et al.*). 441, *P.*
insufficiency, masked by left anterior hemiblock: case report (Volpe). 1188
sinus lactate estimation in diagnosis and treatment of angina with normal coronary arteriograms (Jackson *et al.*). 976
of coronary artery disease (Jackson *et al.*). 979
thrombosis in pathogenesis of acute myocardial infarction (Horie *et al.*). 153
Correspondence
Early work load tests for evaluation of long-term prognosis of acute myocardial infarction (De Backer & Van Durme: Granath). 1194
Echocardiographic, haemodynamic, and angiographic correlations in hypertrophic cardiomyopathy (Lengyel: Chahine *et al.*). 427
Equal standards for medical and surgical treatments: responsibility for reviewers and editors (Spodick *et al.*). 1429
Intraoperative left ventricular perforation with false aneurysm formation (Yuste: Sharratt). 333
Left ventricular apical thin point (Calabresi: Vecht & Bradfield). 823
Lignocaine, a new technique for intravenous administration (Col: Mandel). 429
The medial papillary complex (Quero-Jiménez). 331
A study of systolic time intervals during uninterrupted exercise (Spodick: van der Hoeven *et al.*). 586
Vasodilator treatment for acute and chronic heart failure (Warren & Dennish: Chatterjee). 1059
Counterpulsation, external, effects on infarct size and ventricular arrhythmia (Gowda *et al.*). 308
Coxsackie B viruses
antibodies to, in primary congestive cardiomyopathy (MacArthur *et al.*). 456, *P.*
role in myocardial infarction. (Wood *et al.*). 523
Craniocaudal tilt in angiocardiographic visualisation of congenital heart defects (Rees *et al.*). 1065, *P.*
Creatine kinase
isoenzyme, heart type (CK MB), in acute cerebral disorders (Kaste *et al.*). 802
and myoglobin in serum in patients in coronary care unit (Sylvén). 451, *P.*
release and electrocardiographic signs in patients on beta-blockers suffering myocardial infarction (Fox *et al.*). 435, *P.*
Cyanotic congenital heart disease, demonstration of pulmonary arteries by injection into pulmonary vein (Singh *et al.*). 55

Death, sudden
outside hospital, monitored coronary heart disease, two patients (Pool *et al.*). 627
predictability, effect of previous manifestations of coronary heart disease (Pedoe). 630

prehospital, from ischaemic heart disease (Rissanen *et al.*). 1025
Defibrillation, ventricular, electrical energy requirements for: editorial (Adgey). 1197
Diarrhoea induced by migration of a pacemaker generator: case report (Charles & Turner). 425
Diastolic and systolic time intervals, value, after myocardial infarction (Wikstrand *et al.*). 256
Diazoxide in treatment of primary pulmonary hypertension (Wang *et al.*). 572
Digoxin
comparison between amounts taken by inpatients and outpatients (Johnston *et al.*). 1
computer-assisted review of therapy in the elderly (Whiting *et al.*). 8
prescribing, simple method for selecting a maintenance dose (Nicholson *et al.*). 177
Dopamine and isosorbide in congestive cardiac failure (Stephens *et al.*). 838
Doppler ultrasound, to measure pressure drop in mitral stenosis (Hatle *et al.*). 131
Drug abuse complicated by tricuspid valve endocarditis, valve excision without replacement: case report (Sethia & Williams). 579
Duchenne's muscular dystrophy, echocardiographic assessment of left ventricular function (Ahmad *et al.*). 734
Ductus arteriosus, and prostaglandin E_1, histological findings (Gittenberger-De Groot *et al.*). 215

Ebstein's anomaly in persistent common atrioventricular canal (Caruso *et al.*). 1275
Echocardiography
in complete d-transposition of great arteries (Bass *et al.*). 1165
diagnostic uses (Whiteside & Gillmer). 433, *P.*
evaluation of extracardiac masses (Chandaratna *et al.*). 741
of left ventricular function in Duchenne's muscular dystrophy (Ahmad *et al.*). 734
of left ventricular volumes, assessment of correction formula (Martin). 294
of left ventricular wall thickness and dimension changes (Traill *et al.*). 162
of left ventricular response to haemodynamic stress during beta-adrenergic blockade, association with age (Yin *et al.*). 1349
phased array, in analysis of regional left ventricular wall movement (Gibson *et al.*). 1334
in recognition of pericardial effusions with end-stage renal disease (Kleiman *et al.*). 190
sign of right-sided hypertrophic obstructive cardiomyopathy: case report (Cardiel *et al.*). 1321
in tricuspid atresia diagnosis, with differential diagnosis (Beppu *et al.*). 1174
two-dimensional, in atrioventricular canal malformations (Houston *et al.*). 1061, *P.*
in valvular disease (Sutton). 434, *P.*
and ventriculography, comparison of interventricular septal motion studied by, in atrial septal defect (Mueller *et al.*). 984
Edinburgh-Stockholm study of coronary heart disease risk factors (Oliver *et al.*). 439, *P.*
Editorial
Electrical energy requirements for ventricular defibrillation (Adgey). 1197
Endomyocardial biopsy (Olsen). 95
The Evan Bedford Library of Cardiology and its catalogue (Besterman). 707
Immunological reactions in heart disease (Lessos). 211
International cardiology (Goodwin). 465
What to call arrhythmias (Krikler). 1325
The 400th anniversary of the birth of William Harvey (Newman). 705
Edrophonium, electrophysiological effects in the innervated and the transplanted denervated human heart (Stemple *et al.*). 644
Electrical
energy requirements for ventricular defibrillation: editorial (Adgey). 1197
impedance cardiogram in derivation of systolic time intervals (Balasubramanian *et al.*). 268
Electrocardiography
exercise, in coronary artery disease, relation to myocardial perfusion and coronary anatomy (Selwyn *et al.*). 1064, *P.*
praecordial surface mapping (Fox *et al.*). 1339
findings in middle-aged men, prevalance and prognosis (Rose *et al.*). 636
praecordial, during inferior infarction (Selwyn *et al.*). 1019
12-lead, evaluation of computer programme for interpretation (Landelius & Nordgren). 438, *P.*
Electrocardiology, 5th International Congress, Glasgow, 5-8 September 1978, notice. 334
Electrode monitoring, continuous, of systolic time intervals (Gollan *et al.*). 1390
Electrophysiology, value in arrhythmias (Krikler). 434, *P.*
Endocarditis
bacterial, aneurysm of left ventricle secondary to (Sapsford *et al.*). 460, *P.*
secondary to drug abuse, excision of tricuspid valve without replacement: case report (Sethia & Williams). 579
Endomyocardial
biopsy: editorial (Olsen). 95
critical assessment of diagnostic value, and assessment of cardiac biopsy (Mackay *et al.*). 69
in diagnosis, with kinds of myocardial infarction: case report (Nitter-Hauge *et al.*). 1419
samples, enzymic activities, from patients with cardiomyopathy (Richardson *et al.*). 456, *P.*
fibrosis, pre- and postoperative findings (Hess *et al.*). 406
Epicardial fat layer, significance in radiological evaluation of heart disease (Szamosi). 462, *P.*
Ethnic group comparisons of variables associated with ischaemic heart disease (Meade *et al.*). 789
European Society of Cardiology Bulletin. 210
Evan Bedford, D. Obituary. 820
Evan Bedford Library of Cardiology and its catalogue: editorial (Besterman). 707
Excitation, spread through heart, three-dimensional animation (Meijler *et al.*). 437, *P.*
Exercise
and Cardiovascular Function, Symposium, Bratislava, 11-13 October 1978, notice. 210
electrocardiogram, praecordial surface mapping (Fox *et al.*). 1339
in evaluation of long-term prognosis of acute myocardial infarction: correspondence (De Backer & Van Durme: Granath). 1194
isometric, plasma noradrenaline concentrations during (Vecht *et al.*). 1216
isoprenaline, and propranolol, effect on left ventricular function, in normal, and in angina, assessed by nuclear angiography (Sapru *et al.*). 1063, *P.*
and isosorbide in congestive cardiac failure secondary to ischaemic heart disease (Stephens *et al.*). 832
maximal, after coronary bypass surgery, haemodynamics (Serruys *et al.*). 1205
effect of prolonged intensive training on cardiorespiratory response in angina pectoris (Ari *et al.*). 1143
radionuclide ventriculography, assessment of changes in left ventricular aneurysms (Dymond *et al.*). 1064, *P.*

in sick sinus syndrome, heart rate response (Holden *et al.*). 923
supine and upright, in angina pectoris, effect of glyceryl trinitrate (Thadani & Parker). 1229
test and 24-hour heart rate recording in high and low blood pressure levels (Thulin & Werner). 534
and thallium-201 myocardial perfusion imaging in evaluation of aorto-coronary bypass surgery (Robinson *et al.*). 1065, *P.*
uninterrupted, systolic time intervals: correspondence (Spodick: Van der Hoeven *et al.*). 586
Extracardiac masses, echocardiographic evaluation (Chandraratna *et al.*). 741

Fallot's tetralogy
under age of 2 years, primary total correction, 50 consecutive unselected cases (Radley-Smith *et al.*).1066, *P.*
height and weight gain after total correction (Page *et al.*). 416
Fat layer, epicardial, significance in radiological evaluation of heart disease (Szamosi). 462, *P.*
Fibreoptic system, intracardiac, improved, application (Krovetz *et al.*). 1010
Fibrillation, atrial
effects on prognosis of acute myocardial infarction (Hunt *et al.*). 303
year-long, spontaneous reversion to sinus rhythm (Olsson *et al.*). 438, *P.*
Fibrinogen, plasma, platelet adhesiveness, and fibrinolytic activity in acute myocardial infarction (Sharma & Seth). 526
Fibrinolytic activity, platelet adhesiveness, and plasma fibrinogen in acute myocardial infarction (Sharma & Seth). 526
Fibrosis, endomyocardial, pre- and postoperatiave findings (Hess *et al.*). 406
First heart sound, mechanism of influence of PR interval on (Brooks *et al.*). 462, *P.*
Floppy mitral valve, incidence, pathology, and complications in surgical, necropsy, and forensic material (Davies *et al.*). 468
Fondation de Physiopathologie Professeur Lucien Dautrebande, prize. 210
Fontan procedure, late clinical and haemodynamic results (Radley-Smith & Jacoub). 453, *P.*

Gamma camera
images, instrumental and technical capabilities and limitations (Shields). 445, *P.*
multicrystal, used in detection of post-infarction left ventricular aneurysms by first pass radionuclide ventriculography (Dymond *et al.*). 448, *P.*
Giant cell arteritis, occurrence of aortic regurgitation as manifestation: case report (How & Strachan). 1052
Glucose, effect on pathogenesis of early ventricular arrhythmias during myocardial ischaemia (Russell). 437, *P.*
Glyceryl trinitrate
and propranolol combination, coronary and myocardial effects, with or without coronary disease (Schang & Pepine). 1221
case against routine use before coronary angiography (Feldman *et al.*). 992
influence during supine and upright exercises in angina pectoris (Thadani & Parker). 1229
paste plus hydrallazine in heart failure (Mehta *et al.*). 845

H133/22 (Astra) as antidote to beta-blocking agents (Hjalmarsson *et al.*). 440, *P.*
Haemangiosarcoma, liver, metastasising, causing cardiac tamponade: case report (Syed & Jung). 697
Haematoma, cystic intrapericardial, echocardiographic evaluation (Chandraratna *et al.*). 741
Haemorrhages, nail (Heath & Williams). 1300
Harvey, William, 400th anniversary of birth: editorial (Newman). 705
Head-up tilt and mitral valve prolapse (Towne *et al.*). 482
Heart
block complicating Wolff-Parkinson-White syndrome (type A): case report (Mackintosh *et al.*). 1317
congenital complete, QT time in (Esscher & Michaëlsson). 438, *P.*
and maternal connective tissue disease (Esscher & Scott). 457, *P.*
and sinoatrial disorder, and survey of pacemakers (Shaw and Kekwick). 99
disease, immunological reactions: editorial (Lessof). 211
Disease Prevention and Cardiac Rehabilitation, International Congress, Bombay, 10-12 September 1978, notice. 209
failure, acute and chronic, vasodilator treatment: correspondence (Warren & Dennish: Chatterjee). 1059
associated with AV block, value of pacing (Hetzel *et al.*). 864
congestive, in normotensive man, haemodynamics, renin and angiotensin II blockade (Turini *et al.*). 1134
congestive, isosorbide and exercise in (Stephens *et al.*). 832
hydrallazine and hydrallazine plus glyceryl trinitrate paste, haemodynamic effects (Mehta *et al.*). 845
muscle, hypoxic, prolonged protective effect of propranolol on (Naylor *et al.*). 451, *P.*
uptake of noradrenaline (Petch & Nayler). 450, *P.*
rate recording and exercise test in high and low blood pressure levels (Thulin & Werner). 534
response to exercise in sick sinus syndrome (Holden *et al.*). 923
Research, International Society, second biannual meeting, Ottawa, 17-19 May 1979, notice. 940
sound, first, *see* Sound, heart, first
Hemiblock, left anterior
masking coronary insufficiency: case report (Volpe). 1188
significance (Corne *et al.*). 552
Heterograft mitral valve, porcine, severe and early stenosis: case report (Forfar *et al.*). 1184
Heterotopia, intracardiac, mesenchymal and endodermal: case report (Ariza *et al.*). 325
His bundle
deflection, disappearing, electrophysiological evidence of conduction disturbance (Csapo & Weisswange). 1153
electrocardiography during left heart catheterisation (Cabeen & MacAlpin). 286
Holme's heart with pulmonary stenosis, four patients, angiographic differentiation from tetralogy of Fallot (Saalouke *et al.*). 49
Hot-spot scanning in diagnosis (Lessem). 444, *P.*
Hydrallazine
and hydrallazine plus glyceryl trinitrate paste in heart failure (Mehta *et al.*). 845
oral, in management of congestive cardiomyopathy (Fitchett *et al.*). 454, *P.*
Hyperlipoproteinaemia, type IV, abnormal myocardial metabolism in high risk middle-aged men (Kaijser *et al.*). 439, *P.*
Hypertension
arterial, in immediate postoperative period after valve replacement (Estafanous *et al.*). 718
and arterial development, long-term considerations (Berry). 709
baroreceptor resetting in unmyelinated nerve fibres from aortic arches in, rabbits (Jones & Thoren). 431, *P.*

effects of beta-blockers (Raine). 436, *P.*
methyldopa-treated, bromocriptine in: possible role of central dopaminergic activity (Lewis & Henderson). 1067, *P.*
pressor responses to exertion in (Taylor *et al.*). 431, *P.*
pulmonary, and congenital cardiac defects in infants, morphometric study of regional variation in lung structure, justification for lung biopsy (Haworth & Reid). 825
primary treated with diazoxide (Wang *et al.*). 572
effects on PGE_1 on pulmonary circulation (Szczeklik *et al.*). 1397
severe, in advanced aortic valve disease (Basu *et al.*). 1310
Hypertensive subjects, untreated, continuous intra-arterial blood pressure recordings (Goldberg *et al.*). 656
Hypertrophic cardiomyopathy, *see* Cardiomyopathy, hypertrophic
Hypertrophy
left ventricular, in left bundle-branch block, electrocardiography (Cokkinos *et al.*). 320
right ventricular, clinical and ultrastructural relations (Jones & Ferrans). 457, *P.*
Hypotension, arterial, controlled with trimetaphan, circulatory effects, patients with left ventricular failure (Nitter-Hauge). 401
Hypoxic contracture, factors influencing development (Lewis *et al.*). 450, *P.*

Immunological reactions in heart disease: editorial (Lessof). 211
Infarct size, enzymatically estimated, effects of external counterpulsation (Gowda *et al.*). 308
Inotropic simulation without deteriment to subendocardial perfusion after cardiac surgery (Malcolm *et al.*). 461, *P.*
International cardiology (merging of the International Cardiology Federation and the International Society of Cardiology): editorial (Goodwin). 465
Interventricular septal motion, comparison studied by ventriculography and echocardiography in atrial septal defect (Mueller *et al.*). 984
Intestinal shunt operation for obesity, cardiovascular effects of weight reduction (Freyschuss *et al.*). 462, *P.*
Intracardiac heterotopia, mesenchymal and endodermal: case report (Ariza *et al.*). 325
Intraoperative left ventricular perforation with false aneurysm formation: correspondence (Yuste: Sharratt). 333
Ionic tracer scanning in myocardial infarction (Maseri). 444, *P.*
Ischaemia
myocardial, ventricular arrhythmias during, effect of glucose (Russell). 437, *P.*
subendocardial, in discrete subvalvar aortic stenosis (Cassel *et al.*). 388
Ischaemic heart disease, *see* Coronary heart disease
Ischaemic myocardium, effects of external counterpulsation on infarct size and ventricular arrhythmia (Gowda *et al.*). 308
Isoprenaline, propranolol and exercise, effect on left ventricular function, in normal, and in angina, assessed by nuclear angiography (Sapru *et al.*). 1063, *P.*
Isosorbide
and dopamine in congestive cardiac failure (Stephens *et al.*). 838
and exercise in congestive cardiac failure secondary to ischaemic heart disease (Stephens *et al.*). 832

Jefferson, Keith, Obituary, 1193
Journal of Clinical Engineering, new quarterly publication, 464
Jugular pulse recording, calibrated, clinical assessment (Pyhel *et al.*). 297

Lactate in acute conditions, open international symposium, Basle, 17 March 1978, notice. 209
Leiomyosarcoma, secondary, of right ventricle: case report (Keir & Keen). 328
Leucocyte
migration inhibition test in ischaemic heart disease (Sharma *et al.*). 541
and serum ascorbic acid changes in acute myocardial infarction (Vallance *et al.*). 64
Leukaemia, acute, and lymphoma, non-infiltrative cardiomyopathy in, clinical and echocardiographic study (Mir). 725
Lignocaine
intravenous administration in myocardial infarction (Campbell *et al.*). 1371
new technique for intravenous administration: correspondence (Col: Mandel). 429
Lipids, plasma, in London population, relation to other risk factors for coronary heart disease (Fuller *et al.*). 170
Lown-Ganong-Levine syndrome in identical twins, one with additional features of WPW syndrome (Bennett *et al.*). 147
Lung
structure, morphometric study of regional variation in infants with pulmonary hypertension and congenital cardiac defect, justification for lung biopsy (Haworth & Reid). 825
water, extravascular, estimates in mitral stenosis (Warnica *et al.*). 665
Lymphoma and acute leukaemia, non-infiltrative cardiomyopathy in, clinical and echocardiographic study (Mir). 725
Lysis, rapid, of coronary thrombi (Dewar). 436, *P.*

Mahaim
conduction producing left axis deviation and normal QRS (Matsuguchi *et al.*). 902
fibres, re-entry via, as a possible basis for tachycardia: case report (Touboul *et al.*). 806
Measurements, polycardiographic, time-based, effects of recording speed on precision (Spodick *et al.*). 1344
Medial papillary complex: correspondence (Quero-Jiménez). 331
Medical and surgical treatments, equal standards for publication: correspondence (Spodick *et al.*). 1429
Membranous septum, remodelling throughout life, relevance to defective ventricular septum (Allwork & Anderson). 463, *P.*
Mercury strain gauge plethysmograph pulse tracing, implications of changes in amplitude and contour (Chandraratna *et al.*). 907
Methyldopa treated hypertension, bromocriptine in: possible role of central dopaminergic activity (Lewis & Henderson). 1067, *P.*
Metoprolol, intravenous, electrophysiological properties, man (Rizzon *et al.*). 650
Mexiletine
effective therapy for Wolff-Parkinson-White syndrome (Joseph *et al.*). 458, *P.*
long-term oral antiarrhythmic therapy (Campbell *et al.*). 796
Middle-aged men, prevalence and prognosis of ECG findings (Rose *et al.*). 636
Mitochondrial isoenzyme of aspartate aminotransferase (m-AST), serum, immunological determination in myocardial infarction (Inoue *et al.*). 1251
Mitral
cusps, prolapsed, in atrial septal defect, erroneous radiological interpretation, forty patients (Somerville *et al.*). 58
leaflet, posterior, movement, in mitral stenosis, echocardiographic analysis (Shiu *et al.*). 372

stenosis, extravascular lung water estimates in (Warnica *et al.*). 665
noninvasive assessment of pressure drop by Doppler ultrasound (Hatle *et al.*). 131
posterior mitral leaflet movement in, echocardiographic analysis (Shiu *et al.*). 372
severe and early, of porcine heterograft valve: case report (Forfar *et al.*). 1184
valve, anatomy, human adult cadaver and comparative anatomy (Walmsley). 351
disease, angina and coronary artery disease in (Baxter *et al.*). 918
floppy, incidence, pathology, and complications in surgical, necropsy, and forensic meterial (Davies *et al.*). 468
prolapse, effects of gravitational stress, I. Changes in ausculatory findings produced by progressive passive head-up tilt (Towne *et al.*). 482
syndrome, real-time sector scan study (Cohen). 964
replacement with cloth-covered Starr-Edwards prostheses (Forman *et al.*). 612
valvotomy operations, echocardiographic and exercise evaluation of results after (Shiu *et al.*). 443, *P.*
Mobitz II AV block, atypical Wenckebach periodicity simulating (El-Sherif *et al.*). 1376
Monophasic action potentials, right ventricular, in long QT syndrome (Gavrilescu & Luca). 1014
Morphine, effect on splanchnic blood flow (Leaman *et al.*). 569
Muscle
bundle, anomalous, of right ventricle, recognition and surgical treatment (Li *et al.*). 1040
ridge between atrioventricular valves and malalignment of junction of these valves with ventricular septum (Devloo-Blancquaert & Ritter). 1267
Muscular dystrophy
Duchenne's, echocardiographic assessment of left ventricular function (Ahmad *et al.*). 734
myotonic, noninvasive assessment of left ventricular function (Venco *et al.*). 1262
Mustard's operation
echocardiographic identification of potential complications (Rigby & Silove). 442, *P.*
superior vena caval pathway obstruction after, ultrasound diagnosis (Macartney *et al.*). 1061, *P.*
working capacity of children with transposition of great arteries after (Welier *et al.*). 1066, *P.*
Myocardial
biopsy in diagnosis of endomyocardiopathy with signs of myocardial infarction: case report (Nitter-Hauge *et al.*). 1419
blood flow, regional, in patients with chest pain syndromes and normal coronary arteriograms (Green *et al.*). 242
infarct imaging, *in vivo*, use of ^{99m}Tc-imidodiphosphate, I. Experimental data (Ell *et al.*). 226, II. Clinical data (Joseph *et al.*). 234
Myocardial infarction
anteroseptal, bundle-branch block in setting, clinico-pathological correlation (Becker *et al.*). 773
antiarrhythmic drugs and pacemaker therapy (Mogensen). 433, *P*
antilipolytic therapy effect on ST segment elevation during ischaemia, man (Russell & Oliver). 117
atrial fibrillation, effects on prognosis (Hunt *et al.*). 303
with beta-blocker treatment, electrocardiographic signs and creatine kinase release in (Fox *et al.*). 435, *P.*
^{129}caesium, ^{99}Tc^{m} stannous pyrophosphate and a combination of the two in assessment (Walton *et al.*). 874
and Coxsackie B viruses (Wood *et al.*). 523
dynamic studies (Muir). 444, *P.*
early work load tests for evaluation of long-term prognosis: correspondence (De Backer & Van Durme: Granath). 1194
experimentally induced, myocardial scintigraphy in (Lessem *et al.*). 437, *P.*
immunological determination of serum m-AST activity (Inoue *et al.*). 1251
inferior, loss of electrically active myocardium during (Selwyn *et al.*). 1019
ionic tracer scanning in (Maseri). 444, *P.*
leucocyte and serum ascorbic acid after, reassessment of changes (Vallance *et al.*). 64
lignocaine, intravenous administration (Campbell *et al.*). 1371
management (Pentecost). 433, *P.*
among men below age 40 (Bergstrand *et al.*). 783
myocardial biopsy in diagnosis of endomyopathy with signs of: case report (Nitter-Hauge *et al.*). 1419
nuclear approach (Rowlands). 443, *P.*
pathogenesis, relation to coronary thrombosis (Horie *et al.*). 153
perioperative, incidence and mortality, patients having coronary surgery for unstable angina pectoris (Langou *et al.*). 767
platelet adhesiveness, estimations, plasma fibrinogen and fibrinolytic activity in (Sharma & Seth). 526
prevention using clofibrate, co-operative trial. Report from the Committee of Principal Investigators prepared by Oliver *et al.* 1069
Q waves during, natural history and evaluation (Selwyn *et al.*). 383
rehabilitation (Carson). 433, *P.*
smoking as sole major risk factor (McKenna *et al.*). 440, *P.*
effect on survival of long-term treatment with phenytoin (Peter *et al.*). 1356
suspected, value of thallium-201 myocardial imaging (McKillop *et al.*). 870
value of systolic and diastolic time intervals after (Wikstrand *et al.*). 256
ventricular arrhythmias after (Rehnqvist). 436, *P.*
incidence in first year after (Federman *et al.*). 1243
large ventricular aneurysms occurring after (Letac *et al.*). 516
Myocardium
developing, effect of triac and propranolol, rats (Olsen *et al.*). 1068, *P.*
ischaemia, effects of external counterpulsation on infarct size and ventricular arrhythmia (Gowda *et al.*). 308
morphological changes in induced by prolonged beta-adrenoceptor blockade (Vaughan Williams *et al.*). 454, *P.*
Myoglobin
and creatine kinase in serum of patients in coronary care unit (Sylvén). 451, *P.*
urine excretion after cardiac catherisation (Donald *et al.*). 1237
Myotonic muscular dystrophy, noninvasive assessment of left ventricular function (Venco *et al.*). 1262
Myxoma
left atrial, with aortic regurgitation: case report (Bourdillon *et al.*). 575
right atrial: echocardiography: case report (Pernod *et al.*). 201

Nadolol and propranolol, comparative effect on exercise tolerance in angina pectoris (Turner *et al.*). 1361
Nail haemorrhages (Heath & Williams). 1300
Nicotinic acid analogue, effect on ST segment elevation during myocardial ischaemia, man (Russell & Oliver). 117

Noninvasive
assessment of pressure drop in mitral stenosis by Doppler ultrasound (Hatle *et al.*). 131
recording of electrical activity in PR segment, man (Vincent *et al.*). 124
Noonan's syndrome, cardiovascular malformations (Van der Hauwaert *et al.*). 500
Noradrenaline
plasma concentrations, during isometric exercise (Vecht *et al.*). 1216
uptake by human heart muscle (Petch & Nayler). 450, *P.*
Nortriptyline, cardiac effects (Taylor & Braithwaite). 1005
Nuclear
angiography, in assessment of effect of exercise, isoprenaline and propranolol on left ventricular function in normal and in angina (Sapru *et al.*). 1063, *P.*
approach to myocardial infarction (Rowlands). 443, *P.*
Medicine and Biology Meeting, World Federation, second, Washington, September 1978, notice, 464

Obesity, cardiovascular effects of weight reduction after intestinal shunt operation for (Freyschuss *et al.*). 462, *P.*
Obituary
D. Evan Bedford, 820
Keith Jefferson, 1193
Ostium primum defect, correction, late complications (Sutherland & Somerville). 452, *P.*
Ovarian metastasis, solitary, causing obstruction to right ventricular outflow tract: case report (Griffiths & Myers). 700

Pacemaker
data, storage and retrieval (Rickards). 445, *P.*
generator, intraperitoneal migration causing diarrhoea: case report (Charles & Turner). 425
indications for different types (Ryden). 445, *P.*
overdrive suppression test in selecting patients with AV block (Grendahl *et al.*). 106
potential candidates, survey of heart block and sinoatrial disorder (Shaw & Kekwick). 99
therapy and antiarrhythmic drugs in myocardial infarction (Mogensen). 433, *P.*
present status (Sowton). 445, *P.*
Pacing
atrial, rapid, in assessment of effects of selective and non-selective beta-adrenergic blockade on coronary dynamics (Stephens *et al.*). 856
in cardiac failure associated with chronic AV block (Hetzel *et al.*). 864
deleterious effects, central and peripheral haemodynamics (Edhag *et al.*). 455, *P.*
for optimal function in sick sinus syndrome and atrioventricular block (Sutton). 455, *P.*
permanent, use of subclavian vein (McNeill & Taylor). 114
threshold, long-term follow-up using a noninvasive method of measurement (Starke). 530
Papillary muscle
of conus: correspondence (Quero-Jiménez). 331
echoes in hypertrophic obstructive cardiomyopathy (Rodger & Morley). 1061, *P.*
Paroxysmal
reciprocating atrioventricular tachycardia, significance of wide QRS complexes during (Rowland & Krikler). 458. *P.*
re-entrant supraventricular tachycardia, spontaneous termination: mechanisms and implications for rational prophylactic or emergency therapy (Raper *et al.*). 1062, *P.*
Perhexiline in suppression of ventricular extrasystoles (Pickering & Goulding). 851
Pericardial effusions in patients with end-stage renal disease, echocardiography (Kleiman *et al.*). 190
Persistent
common atrioventricular canal, Ebstein's anomaly in (Caruso *et al.*). 1275
truncus arteriosus, surgical treatment in first year of life (Stark *et al.*). 1280, 452, *P.*
Phenytoin, in long-term treatment after myocardial infarction, effect on survival (Peter *et al.*). 1356
Pilots, airline, cardiovascular fitness, working party report (Royal College of Physicians). 335
Platelet adhesiveness, plasma fibrinogen, and fibrinolytic activity in acute myocardial infarction (Sharma & Seth). 526
Plethysmograph pulse tracing, mercury strain gauge, implications of changes in amplitude and contour (Chandraratna *et al.*). 907
Postoperative responses in 'prepared' child after cardiac surgery (Gabriel & Danilowicz). 1046
PR interval, mechanism of influence on first heart sound (Brooks *et al.*). 462, *P.*
PR segment, noninvasive recording of electrical activity, man (Vincent *et al.*). 124
Praecordial surface mapping of the exercise electrocardiogram (Fox *et al.*). 1339
Pre-excitation
associated with tachy- and bradyarrhythmias, familial form (Zetterqvist *et al.*). 459, *P.*
caused by Mahaim conduction (Matsuguchi *et al.*). 902
ventricular, identical twins suffering from differing forms (Bennett *et al.*). 147
Pressor responses to exertion in hypertension (Taylor *et al.*). 431, *P.*
Primitive ventricle with normally related great vessels and stenotic subpulmonary outlet chamber, four patients, angiographic differentiation from tetralogy of Fallot (Saalouke *et al.*). 49
Prizes offered by 'Fondation de Physiopathologie Professeur Lucien Dautrebande', 210
(two) offered by British Cardiac Society. 210
Proceedings
British Cardiac Society, 57th Annual General Meeting, Cardiff, 12-13 April 1978. 1061
British Cardiac Society and Swedish Society of Cardiology, Joint Meeting, London, November 1977. 430
Propranolol
and glyceryl trinitrate combination, coronary and myocardial effects, with or without coronary disease (Schang & Pepine). 1221
isoprenaline, and exercise, effect on left ventricular function, in normal, and in angina, assessed by nuclear angiography (Sapru *et al.*). 1063, *P.*
and nadolol, comparative effect on exercise tolerance in angina pectoris (Turner *et al.*). 1361
prolonged protective effect on hypoxic heart muscle (Nayler *et al.*). 451, *P.*
and triac, effect on developing myocardium, rats (Olsen *et al.*). 1068, *P.*
Prostaglandins
challenge, test to unmask obstructed total anomalous pulmonary venous connections in asplenia syndrome: case report (Freedom *et al.*). 91
E_1 and ductus arteriosus, histological findings (Gittenberger-De Groot *et al.*). 215
effects on pulmonary circulation in pulmonary hypertension (Szczeklik *et al.*). 1397
Pseudoaneurysm of left ventricle, non-invasive diagnosis: case report (Van Mechelen *et al.*). 812

Publication of medical and surgical treatments, equal standards: responsibility for reviewers and editors: correspondence (Spodick *et al.*). 1429
Puerperal thrombosis, near fatal, on Björk-Shiley mitral valve prosthesis: case report (McLeod *et al.*). 934
Pulmonary
arteries, demonstration by contrast injection into pulmonary vein (Singh *et al.*). 55
hypertension and congenital cardiac defects in infants, morphometric study of regional variation in lung structure, justification for lung biopsy (Haworth & Reid). 825
primary, treated with diazoxide (Wang *et al.*). 572
hypertension, effects of PGE_1 on pulmonary circulation (Szczeklik *et al.*). 1397
severe, in advanced aortic valve disease (Basu *et al.*). 1310
stenosis and ventricular septal defect in transposition of the great arteries (Van Gils *et al.*). 494
vascular obstructive disease, effects of oxygen administration, bicarbonate infusions and brief ventilation (Morrison & Macartney). 1068, *P.*
and tranposition of the great arteries, treatment (Byrne *et al.*). 221
Pulsatile flow, preservation of renal tubular function during cardiopulmonary bypass using (Sayer *et al.*). 1067, *P.*

Q waves during acute myocardial infarction, natural history and evaluation (Selwyn *et al.*). 383
QRS complexes, wide during paroxysmal reciprocating atrioventricular tachycardia (Rowland & Krikler). 458, *P.*
QT interval and ventricular arrhythmias in acute myocardial infarction, relation between (Shoaleh-var *et al.*). 439, *P.*
QT syndrome, long, right ventricular monophasic action potentials in (Gavrilescu & Luca). 1014
QT time in congenital complete heart block (Esscher & Michaëlsson). 438, *P.*

Recording speed, effects on precision of time-based polycardiographic measurements (Spodick *et al.*). 1344
Red cell survival after aortic valve replacement with Björk-Shiley prosthesis in presence of sickle-cell trait: case report (Wenham *et al.*). 703
Regurgitation
aortic, with left atrial myxoma: case report (Bourdillon *et al.*). 575
as manifestation of giant cell arteritis: case report (How & Strachan). 1052
use of M-mode echocardiography to determine pathogenesis (Leech *et al.*). 460, *P.*
pathology (Davies *et al.*). 460, *P.*
effect upon the impedance cardiogram (Schieken *et al.*). 958
pulmonary valve, isolated acquired, long-term follow-up: case report (Faruqui & Silverman). 198
Renal
arteriovenous fistula masquerading as severe valvar heart disease (Glaser *et al.*). 972
disease, end-stage, echocardiography in recognition of pericardial effusions (Kleiman *et al.*). 190
tubular function, preservation during cardiopulmonary bypass using pulsatile flow (Sayer *et al.*). 1067, *P.*
Renin
activity, plasma, in coarctation of the aorta before and after surgical correction (Fallo *et al.*). 1415
angiotensin system in congestive heart failure in normotensive man (Turini *et al.*). 1134
Rhabdomyosarcoma of right ventricle: case report (Firmin *et al.*). 1426
Rheumatic fever, acute, aortic valve replacement during: case report (Khan *et al.*). 817
Right ventricular outflow tract, obstruction, by solitary ovarian metastasis: case report (Griffith & Myers). 700
Royal College of Physicians of London, Working Party of Cardiology Committee on cardiovascular fitness of airline pilots. 335

Sarcoidosis, systemic, with refractory ventricular tachycardia and heart failure: case report (Walsh). 931
Sarcoma, haemangioendothelial, metastasising, causing cardiac tamponade: case report (Syed & Jung). 697
Scintigraphy, myocardial
in experimentally induced myocardial infarction, in rats (Lessem *et al.*). 437, *P.*
thallium-201, in localisation of coronary artery disease (Wainwright *et al.*). 1063, *P.*
Sector scan study of mitral valve prolapse syndrome (Cohen). 964
Secundum atrial septal defect, associated with atrioventricular nodal dysfunction, genetically transmitted syndrome (Maron *et al.*). 1293
Short PR interval, normal QRS complex syndrome, gaps in anterograde conduction (Camm *et al.*). 1119
Short PR interval, normal QRS complex syndrome, re-entrant tachycardia using two bypass tracts and excluding AV node in (Ward *et al.*). 1127
Sick sinus syndrome
and atrioventricular block, pacing for optimal function (Sutton). 455, *P.*
heart rate response to exercise in (Holden *et al.*). 923
Sickle cell
anaemia, homozygous, left ventricular performance, children (Rees *et al.*). 690
trait, red cell survival in patient with, after aortic valve replacement with Björk-Shiley prosthesis: case report (Wenham *et al.*). 703
Sinoatrial disorder
and heart block, and survey of pacemaker candidates (Shaw & Kekwick). 99
histopathological correlates (Demoulin & Kulbertus). 1384
Sinus node dysfunction, familial, with autosomal dominant inheritance: case report (Lehmann & Klein). 1314
Sleep, cardiac and respiratory standstill during: case report (Shaw *et al.*). 1055
Smokers' disease (McKenna *et al.*). 440, *P.*
Sound, heart, first
low frequency component, correlation with 'presystolic murmur' in mitral stenosis (Armstrong *et al.*). 750
mechanism of influence of PR interval (Brooks *et al.*). 462, *P.*
Speed, recording, effects on precision of time-based polycardiographic measurements (Spodick *et al.*). 1344
Splanchnic blood flow, effect of morphine on (Leaman *et al.*). 569
ST segment elevation, effect of antilipolytic therapy during myocardial ischaemia, man (Russell & Oliver). 117
Starr-Edwards prostheses, cloth-covered, in mitral valve replacement (Forman *et al.*). 612
Stenosis, severe, in antibiotic sterilised homograft valves (Kosinski *et al.*). 194
see also Mitral stenosis
Subclavian vein, use for permanent cardiac pacing (McNeill & Taylor). 114
Subendocardial perfusion, inotropic stimulation without detriment to after cardiac surgery (Malcolm *et al.*). 461, *P.*
Subvalvar aortic stenosis
discrete, subendocardial ischaemia in (Cassel *et al.*). 388
distinguishing valvar from, value of echocardiography (Silove *et al.*). 443, *P.*

Superior vena caval pathway obstruction after Mustard's operation, ultrasound diagnosis (Macartney *et al.*). 1061, *P.*
Supravalvular aortic stenosis in a twin: case report (Neilson & Hossack). 1190
Surgery
cardiac, postoperative responses in 'prepared' child after (Gabriel & Danilowicz). 1046
coronary, for unstable angina pectoris, incidence and mortality of perioperative myocardial infarction (Langou *et al.*). 767
in heart disease, results (Ross). 430, *P.*
see also Bypass surgery
Surgical and medical treatments, equal standards for publication: correspondence (Spodick *et al.*). 1429
Systemic lupus erythematosus, maternal, and congenital heart block (Esscher & Scott). 457, *P.*
Systole and diastole
determination of right ventricular wall thickness in, echocardiography and necropsy correlation, 32 patients (Prakash). 1257
time intervals, value, after myocardial infarction (Wikstrand *et al.*). 256
Systolic time intervals
continuous electrode monitoring (Gollan *et al.*). 1390
during uninterrupted exercise: correspondence (Spodick: Van der Hoeven *et al.*). 586
electrical impedance cardiogram in derivation (Balasubramanian *et al.*). 268

Tachy- and bradyarrhythmias, familial form of pre-excitation associated with (Zetterqvist *et al.*). 459, *P.*
Tachycardia
paroxysmal reciprocating atrioventricular, significance of wide QRS complexes during (Rowland & Krikler). 458
paroxysmal re-entrant supraventricular spontaneous termination: mechanism and implications for rational prophylactic or emergency therapy (Raper *et al.*). 1062, *P.*
re-entry via Mahaim fibres as a possible basis for: case report (Touboul *et al.*). 806
in short PR interval, normal QRS complex syndrome (Ward *et al.*). 1127
involving concealed retrograde direct VA pathway, patients with short PR interval, normal QRS complex syndrome (Ward *et al.*). 458, *P.*
role of clinical cardiac electrophysiological techniques (Camm). 434, *P.*
ventricular, *torsade de pointes*, in newborn infant: case report (Finley *et al.*). 421
Tamponade caused by spontaneous coronary artery perforation, demonstration by necropsy selective coronary arteriography: case report (Semple *et al.*). 1423
^{99m}Tc-Imidodiphosphate for *in vivo* positive myocardial infarct imaging, I. Experimental data (Ell *et al.*). 226, II. Clinical data (Joseph *et al.*). 234
^{99m}TC-stannous pyrophosphate
scintigraphy in calcification within cardiac silhouette (Wald *et al.*). 547
^{129}caesium, and a combination of the two in assessment of myocardial infarction (Walton *et al.*). 874
Tetralogy of Fallot, *see* Fallot's tetralogy
Thallium^{201} exercise scintigraphy
in diagnosis of coronary artery disease (Murray *et al.*). 447, *P.*
correlation with coronary arteriography and exercise stress testing (Robin *et al.*). 447-8, *P.*
myocardial perfusion imaging and exercise testing in evaluation of aorto-coronary bypass surgery (Robinson *et al.*). 1065, *P.*
myocardial imaging in suspected acute infarction (McKillop *et al.*). 870
regional myocardial lactate metabolism, and coronary angiography: a correlative study (Rothman *et al.*). 448, *P.*
in localisation of coronary artery disease (Wainwright *et al.*). 1063, *P.*
Thrombi, coronary, rapid lysis after 3-hour infusion of plasminogen (Dewar *et al.*). 436, *P.*
Thrombosis
coronary, in pathogenesis of acute myocardial infarction (Horie *et al.*). 153
and haemostasis, VIIth International Congress, London, 16-20 July 1979, notice. 824
International Committee, XXIVth Annual Meeting, Leuven, Belgium, 20-22 July 1978, notice. 696
puerperal, near fatal, on Björk-Shiley mitral valve prosthesis: case report (McLeod *et al.*). 934
Thyroid disease, incidence in hypertrophic cardiomyopathy (Bell *et al.*). 1306
Time intervals
systolic and diastolic, value, after myocardial infarction (Wikstrand *et al.*). 256
during uninterrupted exercise: correspondence (Spodick: Van der Hoeven *et al.*). 586
electrical impedance cardiogram in derivation (Balasubramanian *et al.*). 268
Torsade de pointes ventricular tachycardia in newborn infant: case report (Finley *et al.*). 421
Training, prolonged intensive, effect on cardiorespiratory response in angina pectoris (Ari *et al.*). 1143
see also Exercise
Transposition, great arteries
new technique for anatomical correction: case report (Aubert *et al.*). 204
and pulmonary vascular obstructive disease, treatment (Byrne *et al.*). 221
complete, echocardiographic identification of aorta and main pulmonary artery (Houston *et al.*). 377
(d-transposition), echocardiography in assessment, infants (Bass *et al.*). 1165
with situs inversus, congenitally corrected, disposition of conducting tissues (Wilkinson *et al.*). 41
with VSD and pulmonary stenosis (Van Gils *et al.*). 494
working capacity of children after Mustard repair (Weller *et al.*). 1066, *P.*
Transvenous atrial pacing, clinical experience (Geddes *et al.*). 589
Treatments, medical and surgical, equal standards for: responsibility for reviewers and editors: correspondence (Spodick *et al.*). 1429
Triac and propranolol, effect on developing myocardium, rats (Olsen *et al.*). 1068, *P.*
Trials, therapeutic, equal standards for publication of medical or surgical: correspondence (Spodick *et al.*). 1429
Tricuspid atresia
clinical course in 62 cases (Patel *et al.*). 1408
diagnosis, two-dimensional echocardiography in, with differential diagnosis (Beppu *et al.*). 1174
Tricuspid valve excision without replacement in endocarditis secondary to drug abuse: case report (Sethia & Williams). 579
Trimetaphan (Arfonad), circulatory effects of controlled arterial hypotension with, patients with left ventricular failure (Nitter-Hauge). 401
Tricyclic antidepression medication, cardiac effects of nortriptyline (Taylor & Braithwaite). 1005
Tumours, extracardiac, echocardiographic evaluation (Chandraratna *et al.*). 741

Turner's syndrome, cardiovascular malformations (Van der Hauwaert *et al.*). 500
Twins, identical, with differing forms of ventricular pre-excitation (Bennett *et al.*). 147

Ultrasound
diagnosis of superior vena caval pathway obstruction after Mustard's operation (Macartney *et al.*). 1061, *P.*
Doppler, to measure pressure in mitral stenosis (Hatle *et al.*). 131
Univentricular heart(s),
applied anatomy of coronary arteries in (Keeton *et al.*). 1067, *P.*
intraoperative identification of intraventricular specialised conduction tissue (Fiddler *et al.*). 453, *P.*
Unmyelinated nerve fibres, baroreceptor resetting in hypertensive rabbits (Jones & Thoren). 431, *P.*

Valve(s),
aortic, *see also* Regurgitation
aortic, replacement, during acute rheumatic fever: case report (Khan *et al.*). 817
and aortocoronary bypass surgery combined, technical considerations (Macmanus *et al.*). 608
Björk-Shiley prosthesis, red cell survival after in presence of sickle-cell trait: case report (Wenham *et al.*). 703
yield of coronary arteriography before (Watkins *et al.*). 461, *P.*
arterial hypertension in immediate postoperative period (Estafanous *et al.*). 718
homograft, antibiotic sterilised, severe stenosis occurring in (Kosinski *et al.*). 194
mitral, anatomy, human adult cadaver and comparative anatomy (Walmsley). 351
prolapse syndrome, real-time sector scan study (Cohen). 964
replacement with cloth-covered Starr-Edwards prostheses (Forman *et al.*). 612
Valvular disease
echocardiography in diagnosis (Sutton). 434, *P.*
surgery (Braimbridge). 446, *P.*
Vascular diseases and hypertension: long-term considerations (Berry). 709
Vasodilator treatment for acute and chronic heart failure: correspondence (Warren & Dennish: Chatterjee). 1059
Vectorcardiographic features of ventricular extrasystoles (Talbot *et al.*). 883
Venous diseases, European-American Symposium, Zurich, 5-8 September 1978, notice. 940
Ventricle, Ventricular
aneurysm, large, occurring after myocardial infarction (Letac *et al.*). 516
arrhythmia, effects of external counterpulsation (Gowda *et al.*). 308
incidence in first year after myocardial infarction (Federman *et al.*). 1243
defibrillation, electrical energy requirements for: editorial (Adgey). 1197
endocardial QRS potentials, pronounced dependence on ventricular volume (Lekven *et al.*). 891
extrasystoles, suppression by perhexiline (Pickering & Goulding). 851
vectorcardiographic features correlated with conventional scalar electrocardiographic interpretation (Talbot *et al.*). 883
function in coronary artery disease, comparison of contrast medium and atrial pacing as tests (Brundage & Farr). 250
left, apical thin point: correspondence (Calabresi: Vecht & Bradfield). 823
contraction, incoordinate, detection by M-mode echocardiography: comparison with cineangiography (Traill *et al.*). 442, *P.*
failure, circulatory effects of controlled arterial hypotension with trimetaphan (Arfonad) (Nitter-Hauge). 401
filling, and relaxation in hypertrophic cardiomyopathy, echocardiography (Sanderson *et al.*). 596
function, alterations at high altitude (Balasubramanian *et al.*). 276
in aneurysm, assessment by exercise radionuclide ventriculography (Dymond *et al.*). 1064, *P.*
in Duchenne's muscular dystrophy, echocardiographic assessment (Ahman *et al.*). 734
effect of exercise, isoprenaline, and propranolol in normal, and in angina, assessed by nuclear angiography (Sapru *et al.*). 1063, *P.*
in myotonic muscular dystrophy, noninvasive assessment (Venco *et al.*). 1262
hypertrophy, in left bundle-branch block, electrocardiography (Cokkinos *et al.*). 320
outflow pressure gradient in differentiating HOCM from discrete types of aortic stenosis (Mason *et al.*). 315
perforation, intraoperative, with false aneurysm formation: correspondence (Yuste: Sharratt). 333
performance in children with homozygous sickle cell anaemia (Rees *et al.*). 690
pseudoaneurysm, non-invasive diagnosis: case report (Van Mechelen *et al.*). 812
relaxation, and filling, in hypertrophic cardiomyopathy, echocardiography (Sanderson *et al.*). 596
volumes, assessment of correction formula for echocardiographic estimations (Martin). 294
wall, movement, abnormal during early systole in angina pectoris (Gibson *et al.*). 758
abnormal detection during isovolumic contraction and early relaxation (Doran *et al.*). 367
during isovolumic contraction in coronary heart disease (Gibson *et al.*). 441, *P.*
regional, analysis by phased array echocardiography (Gibson *et al.*). 1334
regional in hypertrophic cardiomyopathy (Gibson *et al.*). 1327
thickness, and dimension changes using echocardiography (Traill *et al.*). 162
pre-excitation, identical twins suffering from differing forms (Bennett *et al.*). 147
rhythm, regular, in spite of atrial fibrillation, oral verapamil in high doses (Olsson *et al.*). 453, *P.*
right, anomalous muscle bundle recognition and surgical treatment (Li *et al.*). 1040
hypertrophy, clinical and ultrastructural relations (Jones & Ferrans). 457
monophasic action potentials from in long QT syndrome (Gavrilescu & Luca). 1014
outflow tract, obstruction by solitary ovarian metastasis: case report (Griffith & Myers). 700
rhabdomyosarcoma: case report (Firmin). 1426
secondary leiomyosarcoma: case report (Keir & Keen). 328
wall, thickness, determination in systole and diastole, echocardiography and necropsy correlation, 32 patients (Prakash). 1257
septal defect, multiple and single, a clinical and haemodynamic comparison (Fox *et al.*). 141
and pulmonary stenosis in transposition of the great arteries (Van Giles *et al.*). 494
septum in diastole—a unifying hypothesis (Page & Littler). 442, *P.*
tachycardia, *torsade de pointes*, in newborn infant: case report (Finley *et al.*). 421

Ventriculography
and echocardiography, comparison of interventricular septal motion studied by, in atrial septal defect (Mueller *et al.*). 984
radionuclide, in detection of post-infarction left ventricular aneurysms (Dymond *et al.*). 448, *P.*
exercise, in assessment of changes in left ventricular aneurysms (Dymond *et al.*). 1064, *P.*
Verapamil, oral in high doses to induce regular ventricular rhythm during atrial fibrillation (Olsson *et al.*). 453, *P.*
Viruses, Coxsackie, B., role in myocardial infarction (Wood *et al.*). 523

Weight reduction after intestinal shunt operation for obesity, cardiovascular effects (Freyschuss *et al.*). 462, *P.*
Wenckebach periodicity, atypical, simulating Mobitz II AV block (El-Sherif *et al.*). 1376
William Harvey 400th Anniversary Celebration, Symposium, Modern Methods of Studying the Circulatory System, London, July 1978, notice. 209
Wolff-Parkinson-White syndrome
and atrial fibrillation (Campbell *et al.*). 459, *P.*
(type A) complicated by heart block in both normal and accessory pathways: case report (Mackintosh *et al.*). 1317
existence of automaticity in anomalous bundle of (Przybylski *et al.*). 672
mexiletine therapy (Joseph *et al.*). 458, *P.*
in one identical twin with findings of Lown-Ganong-Levine syndrome in both (Bennett *et al.*). 147
operative treatment (Campbell *et al.*). 459, *P.*
surgically corrected: case report (Rossi *et al.*). 581
Work load tests, early for evaluation of long-term prognosis of acute myocardial infarction: correspondence (De Backer & Van Durme: Granath). 1194
see also Exercise
World Federation of Nuclear Medicine and Biology Meeting, Second, Washington, September 1978, notice. 464

Xenograft, aortic pericardial, long-term haemodynamics (Tandon *et al.*). 602

BRITISH HEART JOURNAL

Volume 40
1978

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON WC1H 9JR

EDITOR
WALTER SOMERVILLE

ASSOCIATE EDITOR
MICHAEL HONEY

ASSISTANT EDITORS
DEREK G. GIBSON DENNIS KRIKLER J. F. N. TAYLOR

EDITORIAL COMMITTEE
(Appointed by The British Cardiac Society)

KEITH BRITTON
DOUGLAS CHAMBERLAIN
JOHN COLTART
NEVILLE CONWAY
NORMAN COULSHED
M. J. DAVIES
DAVID JEWITT
HUGH C. MILLER
CELIA OAKLEY
DONALD ROSS
A. G. SHAPER
DAVID B. SHAW
PETER SLEIGHT
BASIL STRICKLAND

EDITOR, *British Medical Journal*
EDITOR, *Cardiovascular Research*

TECHNICAL EDITOR
RITA CARNE

CONTENTS OF VOLUME 40

Number 1

		page
Do Patients Take Digoxin?	G. D. Johnston, J. G. Kelly, and D. G. McDevitt	1
Computer-assisted Review of Digoxin Therapy in the Elderly	B. Whiting, Irene Wandless, D. J. Sumner, and A. Goldberg	8
Clinical Electrophysiological Effects of Atenolol—a New Cardioselective Beta-blocking Agent	Christine Robinson, J. Birkhead, B. Crook, K. Jennings, and D. Jewitt	14
Haemodynamic Effects of Atenolol in Patients with Coronary Artery Disease	Christine Robinson, G. Jackson, C. Fisk, and D. Jewitt	22
Haemodynamic Effects of Acebutolol	J. W. Mason, M. J. Specter, N. B. Ingels, G. T. Daughters, Alison C. Ferris, and E. L. Alderman	29
Electrophysiological Effects of Acebutolol	J. W. Mason, R. A. Winkle, P. J. Meffin, and D. C. Harrison	35
Conducting Tissues in Congenitally Corrected Transposition with Situs Inversus	J. L. Wilkinson, Audrey Smith, C. Lincoln, and R. H. Anderson	41
Primitive Ventricle with Normally Related Great Vessels and Stenotic Subpulmonary Outlet Chamber. Angiographic Differentiation from Tetralogy of Fallot	M. G. Saalouke, L. W. Perry, E. O. Okoroma, S. R. Shapiro, and L. P. Scott, III	49
Demonstration of Pulmonary Arteries by Contrast Injection into Pulmonary Vein	S. P. Singh, M. L. Rigby, and R. Astley	55
Prolapsed Mitral Cusps in Atrial Septal Defect. An Erroneous Radiological Interpretation	Jane Somerville, S. Kaku, and O. Saravalli	58
Reassessment of Changes in Leucocyte and Serum Ascorbic Acid After Acute Myocardial Infarction	B. D. Vallance, R. Hume, and E. Weyers	64
Critical Assessment of Diagnostic Value of Endomyocardial Biopsy. Assessment of Cardiac Biopsy	E. H. MacKay, W. A. Littler, and P. Sleight	69
Case Reports		79, 83, 87, 91

Number 2

		page
Editorial: Endomyocardial Biopsy	E. G. J. Olsen	95
Potential Candidates for Pacemakers. Survey of Heart Block and Sinoatrial Disorder (Sick Sinus Syndrome)	David B. Shaw and Christopher A. Kekwick	99
Overdrive Suppression of Implanted Pacemakers in Patients with AV Block	Helge Grendahl, Målfrid Miller, and J. Khekshus	106
Use of Subclavian Vein for Permanent Cardiac Pacing	G. P. McNeill and N. C. Taylor	114
Effect of Antilipolytic Therapy on ST Segment Elevation During Myocardial Ischaemia in Man	D. C. Russell and M. F. Oliver	117
Noninvasive Recording of Electrical Activity in the PR Segment in Man	R. Vincent, N. P. Stroud, R. Jenner, M. J. English, D. J. Woollons, and D. A. Chamberlain	124
Noninvasive Assessment of Pressure Drop in Mitral Stenosis by Doppler Ultrasound	L. Hatle, A. Brubakk, A. Tromsdal, and B. Angelsen	131
Multiple and Single Ventricular Septal Defect. A Clinical and Haemodynamic Comparison	K. M. Fox, R. G. Patel, G. R. Graham, J. F. N. Taylor, J. Stark, M. R. de Leval, and F. J. Macartney	141
Identical Twins with Differing Forms of Ventricular Pre-excitation	D. H. Bennett, B. Gribbin, and J. S. Birkhead	147
Coronary Thrombosis in Pathogenesis of Acute Myocardial Infarction. Histopathological Study of Coronary Arteries in 108 Necropsied Cases Using Serial Section	Toshinobu Horie, Morie Sekiguchi, and Koshichiro Hirosawa	153
Study of Left Ventricular Wall Thickness and Dimension Changes Using Echocardiography	T. A. Traill, D. G. Gibson, and D. J. Brown	162
Plasma Lipids in a London Population and Their Relation to Other Risk Factors for Coronary Heart Disease	J. H. Fuller, S. Pinney, R. J. Jarrett, K. Kilbourn, and H. Keen	170

Number 2—(*continued*) page

A Score for Prescribing Digoxin
P. W. Nicholson, Sylvia M. Dobbs, A. P. J. McGill, Elaine M. Rodgers, and E. Slater 177
Beta-blockers and Asthma
P. B. S. Decalmer, S. S. Chatterjee, J. M. Cruickshank, M. K. Benson, and G. M. Sterling 184
Pericardial Effusions in Patients with End-stage Renal Disease
J. H. Kleiman, J. Motta, Elizabeth London, J. P. Pennell, and R. L. Popp 190
Severe Stenosis Occurring in Antibiotic Sterilised Homograft Valves
E. J. Kosinski, P. F. Cohn, W. Grossman, and L. H. Cohn 194
Case Reports 198, 201, 204
Notices 209

Number 3

Editorial: Immunological Reactions in Heart Disease Maurice Lessof 211
Histopathology of the Ductus Arteriosus after Prostaglandin E_1 Administration in Ductus Dependent Cardiac Anomalies
A. C. Gittenberger-de Groot, A. J. Moulaert, E. Harinck, and A. E. Becker 215
Treatment of Patients with Transposition of Great Arteries and Pulmonary Vascular Obstructive Disease
J. Byrne, D. Clarke, J. F. N. Taylor, F. Macartney, M. de Leval, and J. Stark 221
^{99m}Tc-Imidodiphosphonate: A Superior Radiopharmaceutical for *in vivo* Positive Myocardial Infarct Imaging. I: Experimental Data
P. J. Ell, R. Langford, P. Pearce, D. Lui, A. T. Elliott, N. Woolf, and E. S. Williams 226
^{99m}Tc-Imidodiphosphonate: a Superior Radiopharmaceutical for *in vivo* Positive Myocardial Infarct Imaging. II: Clinical Data
S. P. Joseph, P. J. Ell, P. Ross, R. Donaldson, A. T. Elliott, N. J. G. Brown, and E. S. Williams 234
Regional Myocardial Blood Flow in Patients with Chest Pain Syndromes and Normal Coronary Arteriograms
L. H. Green, P. F. Cohn, L. Holman, D. F. Adams, and J. E. Markis 242
Comparison of Contrast Medium and Atrial Pacing as Tests of Ventricular Function in Coronary Artery Disease Bruce H. Brundage and James E. Farr 250
Value of Systolic and Diastolic Time Intervals. Studies in Normotensive and Hypertensive 50-year-old Men and in Patients after Myocardial Infarction
J. Wikstrand, G. Berglund, L. Wilhelmsen, and I. Wallentin 256
Electrical Impedance Cardiogram in Derivation of Systolic Time Intervals
V. Balasubramanian, O. P. Mathew, A. Behl, S. C. Tewari, and R. S. Hoon 268
Alterations in Left Ventricular Function in Normal Man on Exposure to High Altitude (3658 m)
V. Balasubramanian, O. P. Mathew, S. C. Tiwari, A. Behl, S. C. Sharma, and R. S. Hoon 276
His Bundle Electrocardiography During Routine Left Heart Catheterisation
William R. Cabeen, Jr. and Rex N. MacAlpin 286
Assessment of Correction Formula for Echocardiographic Estimations of Left Ventricular Volumes M. A. Martin 294
Clinical Assessment of Calibrated Jugular Pulse Recording
H. J. Pyhel, Janie Stewart, and M. E. Tavel 297
Effects of Atrial Fibrillation on Prognosis of Acute Myocardial Infarction
D. Hunt, G. Sloman, and Christina Penington 303
Effects of External Counterpulsation on Enzymatically Estimated Infarct Size and Ventricular Arrhythmia
S. K. Gowda, T. A. Gillespie, J. D. Byrne, H. D. Ambos, B. E. Sobel, and R. Roberts 308
Diagnostic Value of Configuration of Left Ventricular Outflow Pressure Gradient in Differentiating Hypertrophic Obstructive Cardiomyopathy from Discrete Types of Aortic Stenosis
D. T. Mason, L. S. Cohen, J. F. Spann, Jr., A. N. DeMaria, J. A. Joye, and R. R. Miller 315

Number 3—(*continued*) page

ELECTROCARDIOGRAPHIC CRITERIA OF LEFT VENTRICULAR HYPERTROPHY IN LEFT BUNDLE-BRANCH BLOCK
D. V. Cokkinos, J. N. Demopoulos, E. T. Heimonas, C. Mallios, N. Papazoglou, and E. M. Vorides 320
CASE REPORTS 325, 328
CORRESPONDENCE 331
NOTICES 334

Number 4

THE CARDIOVASCULAR FITNESS OF AIRLINE PILOTS. REPORT OF A WORKING PARTY OF THE CARDIOLOGY COMMITTEE OF THE ROYAL COLLEGE OF PHYSICIANS OF LONDON 335
ANATOMY OF HUMAN MITRAL VALVE IN ADULT CADAVER AND COMPARATIVE ANATOMY OF THE VALVE
Robert Walmsley 351
DETECTION OF ABNORMAL LEFT VENTRICULAR WALL MOVEMENT DURING ISOVOLUMIC CONTRACTION AND EARLY RELAXATION. COMPARISON OF ECHO- AND ANGIOCARDIOGRAPHY
J. H. Doran, T. A. Traill, D. J. Brown, and D. G. Gibson 367
ECHOCARDIOGRAPHIC ANALYSIS OF POSTERIOR MITRAL LEAFLET MOVEMENT IN MITRAL STENOSIS
M. F. Shiu, B. S. Jenkins, and M. M. Webb-Peploe 372
ECHOCARDIOGRAPHIC IDENTIFICATION OF AORTA AND MAIN PULMONARY ARTERY IN COMPLETE TRANSPOSITION A. B. Houston, N. L. Gregory, and E. N. Coleman 377
NATURAL HISTORY AND EVALUATION OF Q WAVES DURING ACUTE MYOCARDIAL INFARCTION
A. P. Selwyn, K. Fox, E. Welman, and J. P. Shillingford 383
SUBENDOCARDIAL ISCHAEMIA IN PATIENTS WITH DISCRETE SUBVALVAR AORTIC STENOSIS
G. A. Cassel, J. D. Benjamin, and J. B. Lakier 388
CORONARY ARTERY ECTASIA—A VARIANT OF OCCLUSIVE CORONARY ARTERIOSCLEROSIS
R. H. Swanton, M. Lea Thomas, D. J. Coltart, B. S. Jenkins, M. M. Webb-Peploe, and B. T. Williams 393
CIRCULATORY EFFECTS OF CONTROLLED ARTERIAL HYPOTENSION WITH TRIMETAPHAN (ARFONAD). EXPERIMENTAL STUDY IN PATIENTS WITH LEFT VENTRICULAR FAILURE Sigurd Nitter-Hauge 401
PRE- AND POSTOPERATIVE FINDINGS IN PATIENTS WITH ENDOMYOCARDIAL FIBROSIS
O. M. Hess, M. Turina, Å. Senning, N. H. Goebel, Y. Scholer, and H. P. Krayenbuehl 406
HEIGHT AND WEIGHT GAIN AFTER TOTAL CORRECTION OF FALLOT'S TETRALOGY
R. E. Page, P. B. Deverall, D. A. Watson, and O. Scott 416
CASE REPORTS 421, 425
CORRESPONDENCE 427
PROCEEDINGS OF THE BRITISH CARDIAC SOCIETY AND SWEDISH SOCIETY OF CARDIOLOGY 430
NOTICES 464

Number 5

EDITORIAL: INTERNATIONAL CARDIOLOGY J. F. Goodwin 465
THE FLOPPY MITRAL VALVE. STUDY OF INCIDENCE, PATHOLOGY, AND COMPLICATIONS IN SURGICAL, NECROPSY, AND FORENSIC MATERIAL M. J. Davies, B. P. Moore, and M. V. Braimbridge 468
EFFECTS OF GRAVITATIONAL STRESSES ON MITRAL VALVE PROLAPSE. I: CHANGES IN AUSCULTATORY FINDINGS PRODUCED BY PROGRESSIVE PASSIVE HEAD-UP TILT
W. D. Towne, R. Patel, J. Cruz, N. Kramer, and K. K. Chawla 482
LEFT CORONARY ARTERY ANATOMY IN PATIENTS WITH BICUSPID AORTIC VALVES
A. D. Johnson, J. H. Detwiler, and C. B. Higgins 489
TRANSPOSITION OF THE GREAT ARTERIES WITH VENTRICULAR SEPTAL DEFECT AND PULMONARY STENOSIS
F. A. W. van Gils, A. J. Moulaert, A. Oppenheimer-Dekker, and A. C. G. Wenink 494
CARDIOVASCULAR MALFORMATIONS IN TURNER'S AND NOONAN'S SYNDROME
L. G. Van der Hauwaert, J. P. Fryns, M. Dumoulin, and N. Logghe 500
USES OF CORONARY HEART ATTACK REGISTERS H. Tunstall Pedoe 510
LARGE VENTRICULAR ANEURYSMS OCCURRING AFTER MYOCARDIAL INFARCTION
B. Letac, G. Leroux, A. Cribier, and R. Soyer 516

Number 5—(*continued*) page

ROLE OF COXSACKIE B VIRUSES IN MYOCARDIAL INFARCTION
S. F. Wood, A. S. Rogen, E. J. Bell, and N. R. Grist 523
PLATELET ADHESIVENESS, PLASMA FIBRONOGEN, AND FIBRINOLYTIC ACTIVITY IN ACUTE MYOCARDIAL INFARCTION Subhash C. Sharma and H. N. Seth 526
LONG-TERM FOLLOW UP OF CARDIAC PACING THRESHOLD USING A NONINVASIVE METHOD OF MEASUREMENT I. D. Starke 530
EXERCISE TEST AND 24-HOUR HEART RATE RECORDING IN MEN WITH HIGH AND LOW CASUAL BLOOD PRESSURE LEVELS Thomas Thulin and Olof Werner 534
LEUCOCYTE MIGRATION INHIBITION TEST IN CASES OF ISCHAEMIC HEART DISEASE
R. K. Sharma, R. C. Ahuja, O. P. Tandon, and U. C. Chaturvedi 541
TECHNETIUM-99M STANNOUS PYROPHOSPHATE SCINTIGRAPHY IN PATIENTS WITH CALCIFICATION WITHIN THE CARDIAC SILHOUETTE
R. W. Wald, L. Sternberg, V. F. Huckell, H. M. Staniloff, D. H. I. Feiglin, and J. E. Morch 547
SIGNIFICANCE OF LEFT ANTERIOR HEMIBLOCK R. A. Corne, R. E. Beamish, and R. L. Rollwagen 552
ANTICOAGULANTS AND THE BJÖRK-SHILEY PROSTHESIS. EXPERIENCE OF 390 PATIENTS
M. G. St John Sutton, G. A. H. Miller, P. J. Oldershaw, and M. Paneth 558
REGIONAL VARIATIONS IN MORTALITY FROM ISCHAEMIC HEART AND CEREBROVASCULAR DISEASE IN BRITAIN M. Fulton, W. Adams, W. Lutz, and M. F. Oliver 563
EFFECT OF MORPHINE ON SPLANCHNIC BLOOD FLOW
D. M. Leaman, L. Levenson, R. Zelis, and R. Shiroff 569
DIAZOXIDE IN TREATMENT OF PRIMARY PULMONARY HYPERTENSION
S. W. S. Wang, J. E. F. Pohl, D. J. Rowlands, and E. G. Wade 572
CASE REPORTS 575, 579, 581
CORRESPONDENCE 586

Number 6

CLINICAL EXPERIENCE WITH TRANSVENOUS ATRIAL PACING
J. S. Geddes, S. W. Webb, and I. P. Clements 589
LEFT VENTRICULAR RELAXATION AND FILLING IN HYPERTROPHIC CARDIOMYOPATHY. AN ECHOCARDIOGRAPHIC STUDY
J. E. Sanderson, T. A. Traill, M. G. St John Sutton, D. J. Brown, D. G. Gibson, and J. F. Goodwin 596
LONG-TERM HAEMODYNAMIC EVALUATION OF AORTIC PERICARDIAL XENOGRAFT
A. P. Tandon, D. R. Smith, W. Whitaker, and M. I. Ionescu 602
TECHNICAL CONSIDERATIONS IN PATIENTS UNDERGOING COMBINED AORTIC VALVE REPLACEMENT AND AORTOCORONARY BYPASS SURGERY
Q. Macmanus, G. Grunkemeier, L. Lambert, C. Diethl, and A. Starr 608
RESULTS AFTER MITRAL VALVE REPLACEMENT WITH CLOTH-COVERED STARR-EDWARDS PROSTHESES (MODELS 6300, 6310/6320, AND 6400) R. Forman, W. Beck, and C. N. Barnard 612
PREVALENCE OF THREE MAJOR RISK FACTORS IN RANDOM SAMPLE OF MEN AND WOMEN, AND IN PATIENTS WITH ISCHAEMIC HEART DISEASE T. B. S. Dick and M. C. Stone 617
TWO MONITORED CASES OF SUDDEN DEATH OUTSIDE HOSPITAL
J. Pool, K. Kunst, and J. L. van Wermeskerken 627
PREDICTABILITY OF SUDDEN DEATH FROM RESTING ELECTROCARDIOGRAM. EFFECT OF PREVIOUS MANIFESTATIONS OF CORONARY HEART DISEASE Hugh D. Tunstall Pedoe 630
PREVALENCE AND PROGNOSIS OF ELECTROCARDIOGRAPHIC FINDINGS IN MIDDLE-AGED MEN
G. Rose, P. J. Baxter, D. D. Reid, and P. McCartney 636
ELECTROPHYSIOLOGICAL EFFECTS OF EDROPHONIUM IN THE INNERVATED AND THE TRANSPLANTED DENERVATED HUMAN HEART D. R. Stemple, R. J. C. Hall, J. W. Mason, and D. C. Harrison 644
ELECTROPHYSIOLOGICAL PROPERTIES OF INTRAVENOUS METOPROLOL IN MAN
P. Rizzon, M. Di Biase, Adele Chiddo, D. Mastrangelo, and L. Sorgente 650
STUDY OF UNTREATED HYPERTENSIVE SUBJECTS BY MEANS OF CONTINUOUS INTRA-ARTERIAL BLOOD PRESSURE RECORDINGS A. D. Goldberg, E. B. Raftery, P. M. M. Cashman, and F. D. Stott 656
CHANGES WITH EXERCISE IN DILUTION ESTIMATES OF EXTRAVASCULAR LUNG WATER IN PATIENTS WITH MITRAL STENOSIS J. W. Warnica, C. A. Goresky, and J. H. Burgess 665

Number 6—(*continued*) page

EXISTENCE OF AUTOMATICITY IN ANOMALOUS BUNDLE OF WOLFF-PARKINSON-WHITE SYNDROME
J. Przybylski, P. A. Chiale, M. Susana Halpern, J. O. Lazzari, M. V. Elizari, and M. B. Rosenbaum 672

DISTAL TYPE OF AORTOPULMONARY WINDOW. REPORT OF 4 CASES
K. Mori, M. Ando, A. Takao, S. Ishikawa, and Y. Imai 681

LEFT VENTRICULAR PERFORMANCE IN CHILDREN WITH HOMOZYGOUS SICKLE CELL ANAEMIA
A. H. Rees, M. A. Stefadouros, W. B. Strong, M. D. Miller, Priscilla Gilman, Judy A. Rigby, and Judith McFarlane 690

CASE REPORTS 697, 700, 703

Number 7

EDITORIAL: THE 400TH ANNIVERSARY OF THE BIRTH OF WILLIAM HARVEY Charles Newman 705

EDITORIAL: THE EVAN BEDFORD LIBRARY OF CARDIOLOGY AND ITS CATALOGUE Edwin Besterman 707

HYPERTENSION AND ARTERIAL DEVELOPMENT. LONG-TERM CONSIDERATIONS C. L. Berry 709

ARTERIAL HYPERTENSION IN IMMEDIATE POSTOPERATIVE PERIOD AFTER VALVE REPLACEMENT
F. G. Estafanous, R. C. Tarazi, Sheryl Buckley, and P. C. Taylor 718

EVIDENCE FOR NON-INFILTRATIVE CARDIOMYOPATHY IN ACUTE LEUKAEMIA AND LYMPHOMA. A CLINICAL AND ECHOCARDIOGRAPHIC STUDY M. Afzal Mir 725

ECHOCARDIOGRAPHIC ASSESSMENT OF LEFT VENTRICULAR FUNCTION IN DUCHENNE'S MUSCULAR DYSTROPHY M. Ahmad, J. E. Sanderson, V. Dubowitz, and K. A. Hallidie-Smith 734

ECHOCARDIOGRAPHIC EVALUATION OF EXTRACARDIAC MASSES
P. A. N. Chandraratna, B. B. Littman, A. Serafini, T. Whayne, and H. Robinson 741

NON-INVASIVE OBSERVATIONS ON INITIAL LOW FREQUENCY VIBRATIONS OF THE FIRST HEART SOUND—CORRELATION WITH THE 'PRESYSTOLIC' MURMUR IN MITRAL STENOSIS
T. G. Armstrong, A. S. Mitha, R. E. Matisonn, E. K. Weir, and E. Chesler 750

ABNORMAL LEFT VENTRICULAR WALL MOVEMENT DURING EARLY SYSTOLE IN PATIENTS WITH ANGINA PECTORIS D. G. Gibson, J. H. Doran, T. A. Traill, and D. J. Brown 758

CORONARY SURGERY FOR UNSTABLE ANGINA PECTORIS. INCIDENCE AND MORTALITY OF PERIOPERATIVE MYOCARDIAL INFARCTION R. A. Langou, J. C. Wiles, and L. S. Cohen 767

BUNDLE-BRANCH BLOCK IN THE SETTING OF ACUTE ANTEROSEPTAL MYOCARDIAL INFARCTION. CLINICOPATHOLOGICAL CORRELATION A. E. Becker, K. I. Lie, and R. H. Anderson 773

MYOCARDIAL INFARCTION AMONG MEN BELOW AGE 40
R. Bergstrand, A. Vedin, C. Wilhelmsson, J. Wallin, H. Wedel, and L. Wilhelmsen 783

ETHNIC GROUP COMPARISONS OF VARIABLES ASSOCIATED WITH ISCHAEMIC HEART DISEASE
T. W. Meade, M. Brozović, R. Chakrabarti, A. P. Haines, W. R. S. North, and Yvonne Stirling 789

LONG-TERM ORAL ANTIARRHYTHMIC THERAPY WITH MEXILETINE
N. P. S. Campbell, J. F. Pantridge, and A. A. Jennifer Adgey 796

HEART TYPE CREATINE KINASE ISOENZYME (CK MB) IN ACUTE CEREBRAL DISORDERS
M. Kaste, H. Somer, and A. Konttinen 802

CASE REPORTS 806, 812, 817

OBITUARY: D. EVAN BEDFORD 820

CORRESPONDENCE 823

NOTICES 824

Number 8

A MORPHOMETRIC STUDY OF REGIONAL VARIATION IN LUNG STRUCTURE IN INFANTS WITH PULMONARY HYPERTENSION AND CONGENITAL CARDIAC DEFECT. A JUSTIFICATION OF LUNG BIOPSY
Sheila G. Haworth and Lynne Reid 825

IMPROVEMENT IN EXERCISE HAEMODYNAMICS BY ISOSORBIDE DINITRATE IN PATIENTS WITH SEVERE CONGESTIVE CARDIAC FAILURE SECONDARY TO ISCHAEMIC HEART DISEASE
J. Stephens, J. Camm, and R. Spurrell 832

ENHANCEMENT BY ISOSORBIDE DINITRATE OF HAEMODYNAMIC EFFECTS OF DOPAMINE IN CHRONIC CONGESTIVE CARDIAC FAILURE J. Stephens, D. Dymond, and R. Spurrell 838

Number 8—(*continued*) page

HAEMODYNAMIC EFFECTS OF HYDRALLAZINE AND OF HYDRALLAZINE PLUS GLYCERYL TRINITRATE PASTE IN HEART FAILURE J. Mehta, C. J. Pepine, and C. R. Conti 845

SUPPRESSION OF VENTRICULAR EXTRASYSTOLES BY PERHEXILINE T. G. Pickering and L. Goulding 851

EFFECTS OF SELECTIVE AND NON-SELECTIVE BETA-ADRENERGIC BLOCKADE ON CORONARY DYNAMICS IN MAN ASSESSED BY RAPID ATRIAL PACING
J. Stephens, R. Hayward, H. Ead, L. Adams, J. Hamer, and R. Spurrell 856

VALUE OF PACING IN CARDIAC FAILURE ASSOCIATED WITH CHRONIC ATRIOVENTRICULAR BLOCK
M. R. Hetzel, W. R. Ginks, A. J. Pickersgill, and A. Leatham 864

CLINICAL VALUE OF DELAYED THALLIUM-201 MYOCARDIAL IMAGING IN SUSPECTED ACUTE MYOCARDIAL INFARCTION
J. H. McKillop, J. G. Turner, H. W. Gray, R. G. Bessent, and W. R. Greig 870

USE OF ^{129}CAESIUM, ^{99}Tc^{m} STANNOUS PYROSPHOSPHATE, AND A COMBINATION OF THE TWO IN THE ASSESSMENT OF MYOCARDIAL INFARCTION
S. Walton, E. Kafetzakis, R. A. Shields, H. J. Testa, and D. J. Rowlands 874

VECTORCARDIOGRAPHIC FEATURES OF VENTRICULAR EXTRASYSTOLES CORRELATED WITH CONVENTIONAL SCALAR ELECTROCARDIOGRAPHIC INTERPRETATION
S. Talbot, D. Kilpatrick, and B. Weeks 883

PRONOUNCED DEPENDENCE OF VENTRICULAR ENDOCARDIAL QRS POTENTIALS ON VENTRICULAR VOLUME
J. Lekven, K. Chatterjee, J. V. Tyberg, D. F. Stowe, D. G. Mathey, and W. W. Parmley 891

MAHAIM CONDUCTION PRODUCING LEFT AXIS DEVIATION AND NORMAL QRS
H. Matsuguchi, A. Takeshita, N. Makino, S. Tanaka, O. Nakagaki, A. Kuroiwa, and M. Nakamura 902

IMPLICATIONS OF CHANGES IN AMPLITUDE AND CONTOUR OF THE MERCURY STRAIN GAUGE PLETHYSMOGRAPH PULSE TRACING
P. A. N. Chandraratna, S. San Pedro, R. Schneider, D. Abrams, and J. Langevin 907

ASSESSMENT OF ATRIOVENTRICULAR CONDUCTION IN AORTIC VALVE DISEASE
H. S. Friedman, Q. Zaman, J. I. Haft, and Sofia Melendez 911

RELATION OF ANGINA TO CORONARY ARTERY DISEASE IN MITRAL AND IN AORTIC VALVE DISEASE
R. H. Baxter, J. M. Reid, J. B. McGuiness, and J. G. Stevenson 918

CHARACTERISATION OF HEART RATE RESPONSE TO EXERCISE IN THE SICK SINUS SYNDROME
W. Holden, J. H. McAnulty, and S. H. Rahimtoola 923

CASE REPORTS 931, 934, 938

NOTICES 940

Number 9

THE DIAGNOSIS OF A NON-STENOTIC BICUSPID AORTIC VALVE G. Leech, P. Mills, and A. Leatham 941

THE NATURAL HISTORY OF NON-STENOTIC BICUSPID AORTIC VALVE
P. Mills, G. Leech, M. Davies, and A. Leatham 951

EFFECT OF AORTIC VALVULAR REGURGITATION UPON THE IMPEDANCE CARDIOGRAM
R. M. Schieken, M. R. Patel, H. L. Falsetti, R. W. Barnes, and R. M. Lauer 958

REAL-TIME SECTOR SCAN STUDY OF THE MITRAL VALVE PROLAPSE SYNDROME M. V. Cohen 964

RENAL ARTERIOVENOUS FISTULA MASQUERADING AS SEVERE VALVAR HEART DISEASE
R. Glaser, R. J. Kramer, R. I. Hamby, A. Aaintablian, and S. M. Zeldis 972

ANGINA WITH NORMAL CORONARY ARTERIOGRAMS. VALUE OF CORONARY SINUS LACTATE ESTIMATION IN DIAGNOSIS AND TREATMENT
G. Jackson, P. J. Richardson, Lynne Atkinson, P. Armstrong, and S. Oram 976

DIAGNOSIS OF CORONARY ARTERY DISEASE BY ESTIMATION OF CORONARY SINUS LACTATE
G. Jackson, Lynne Atkinson, M. Clark, B. Crook, P. Armstrong, and S. Oram 979

COMPARISON OF INTERVENTRICULAR SEPTAL MOTION STUDIED BY VENTRICULOGRAPHY AND ECHOCARDIOGRAPHY IN PATIENTS WITH ATRIAL SEPTAL DEFECT
T. M. Mueller, R. E. Kerber, and M. L. Marcus 984

CASE AGAINST ROUTINE USE OF GLYCERYL TRINITRATE BEFORE CORONARY ANGIOGRAPHY
R. L. Feldman, C. J. Pepine, R. C. Curry, Jr., and C. R. Conti 992

Number 9—(*continued*) page

Comparison of Atenolol with Propranolol in the Treatment of Angina Pectoris with Special Reference to Once Daily Administration of Atenolol
G. Jackson, J. D. Harry, Christine Robinson, D. Kitson, and D. E. Jewitt 998
Cardiac Effects of Tricyclic Antidepressant Medication. A Preliminary Study of Nortriptyline D. J. E. Taylor and R. A. Braithwaite 1005
Application of an Improved Intracardiac Fibreoptic System
L. J. Krovetz, J. I. Brenner, M. Polanyi, and D. Ostrowski 1010
Right Ventricular Monophasic Action Potentials in Patients with Long QT Syndrome
S. Gavrilescu and C. Luca 1014
Loss of Electrically Active Myocardium During Inferior Infarction in Man
A. P. Selwyn, K. Fox, Elizabeth Welman, A. Jonathan, and J. P. Shillingford 1019
Prehospital Sudden Death From Ischaemic Heart Disease. A Postmortem Study
V. Rissanen, M. Romo, and P. Siltanen 1025
Congenital Heart Disease Associated with Hypertrophic Cardiomyopathy
Jane Somerville and L. Becú 1034
Anomalous Muscle Bundle of the Right Ventricle. Its Recognition and Surgical Treatment
M. D. Li, J. C. Coles, and A. C. McDonald 1040
Postoperative Responses in 'Prepared' Child After Cardiac Surgery
H. P. Gabriel and Delores Danilowicz 1046
Case Reports 1052, 1055
Correspondence 1059
Proceedings of the British Cardiac Society 1061

Number 10

A Co-operative Trial in the Primary Prevention of Ischaemic Heart Disease Using Clofibrate. Report from the Committee of Principal Investigators 1069
Gaps in Anterograde Conduction in Patients with the Short PR Interval, Normal QRS Complex Syndrome A. J. Camm, D. E. Ward, and R. A. J. Spurrell 1119
Re-entrant Tachycardia Using Two Bypass Tracts and Excluding AV Node in Short PR Interval, Normal QRS Syndrome D. E. Ward, A. J. Camm, and R. A. J. Spurrell 1127
Congestive Heart Failure in Normotensive Man. Haemodynamics, Renin, and Angiotensin II Blockade
Gustave A. Turini, Hans R. Brunner, Roger K. Ferguson, Jean L. Rivier, and Haralambos Gavras 1134
Effect of Prolonged Intensive Training on Cardiorespiratory Response in Patients with Angina Pectoris
E. Ben Ari, J. J. Kellermann, C. Lapitod, Y. Drory, E. Fisman, and M. Hayat 1143
Use of Amiodarone in Bradycardia-tachycardia Syndrome
Allen K. Brown, Robert A. Primhak, and Paul Newton 1149
Disappearing His Deflection. Electrophysiological Evidence for Conduction Defect Within the His Bundle George Csapo and Arved Weisswange 1153
Echocardiography in Assessment of Infants with Complete D-transposition of Great Arteries Nigel M. Bass, Antony H. G. Roche, Peter W. T. Brandt, and John M. Neutze 1165
Two-dimensional Echocardiography in Diagnosing Tricuspid Atresia. Differentiation From Other Hypoplastic Right Heart Syndromes and Common Atrioventricular Canal
Shintaro Beppu, Yasuharu Nimura, Masahiko Tamai, Seiki Nagata, Hirohide Matsuo, Yasunaru Kawashima, Takahiro Kozuka, and Hiroshi Sakakibara 1174
Case Reports 1184, 1188, 1190
Obituary: Keith Jefferson 1193
Correspondence 1194

Number 11

Editorial: Electrical Energy Requirements for Ventricular Defibrillation A. A. J. Adgey 1197
Results of Aortocoronary Bypass Operations. Follow-up in 343 Patients
R. M. Donaldson, M. Honey, M. F. Sturridge, J. E. C. Wright, and R. Balcon 1200

Number 11—(*continued*) page

HAEMODYNAMICS DURING MAXIMAL EXERCISE AFTER CORONARY BYPASS SURGERY
P. W. Serruys, M. F. Rousseau, J. Cosyns, R. Ponlot, L. A. Brasseur, and J.-M. R. Detry 1205
PLASMA NORADRENALINE CONCENTRATIONS DURING ISOMETRIC EXERCISE
R. J. Vecht, G. W. S. Graham, and P. S. Sever 1216
CORONARY AND MYOCARDIAL METABOLIC EFFECTS OF COMBINED GLYCERYL TRINITRATE AND PROPRANOLOL ADMINISTRATION. OBSERVATIONS IN PATIENTS WITH AND WITHOUT CORONARY DISEASE Steven J. Schang, Jr. and Carl J. Pepine 1221
INFLUENCE OF GLYCERYL TRINITRATE DURING SUPINE AND UPRIGHT EXERCISE IN PATIENTS WITH ANGINA PECTORIS U. Thadani and John O. Parker 1229
EXCRETION OF MYOGLOBIN IN URINE AFTER CARDIAC CATHETERISATION
T. G. Donald, M. J. Cloonan, and D. E. L. Wilcken 1237
INCIDENCE OF VENTRICULAR ARRHYTHMIAS IN FIRST YEAR AFTER MYOCARDIAL INFARCTION
J. Federman, J. A. Whitford, S. T. Anderson, and A. Pitt 1243
IMMUNOLOGICAL DETERMINATION OF SERUM M-AST ACTIVITY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION
M. Inoue, M. Hori, Y. Nishimoto, S. Fukui, H. Abe, H. Wada, and T. Minamino 1251
DETERMINATION OF RIGHT VENTRICULAR WALL THICKNESS IN SYSTOLE AND DIASTOLE. ECHOCARDIOGRAPHIC AND NECROPSY CORRELATION IN 32 PATIENTS Ravi Prakash 1257
NONINVASIVE ASSESSMENT OF LEFT VENTRICULAR FUNCTION IN MYOTONIC MUSCULAR DYSTROPHY
A. Venco, M. Saviotti, D. Besana, G. Finardi, and G. Lanzi 1262
MUSCLE RIDGE BETWEEN ATRIOVENTRICULAR VALVES AND MALALIGNMENT OF JUNCTION OF THESE VALVES WITH VENTRICULAR SEPTUM Anne Devloo-Blancquaert and Donald G. Ritter 1267
EBSTEIN'S ANOMALY IN PERSISTENT COMMON ATRIOVENTRICULAR CANAL
G. Caruso, T. G. Losekoot, and A. E. Becker 1275
SURGICAL TREATMENT OF PERSISTENT TRUNCUS ARTERIOSUS IN THE FIRST YEAR OF LIFE
J. Stark, D. Gandhi, M. de Leval, F. Macartney, and J. F. N. Taylor 1280
NONINVASIVE CARDIOVASCULAR FINDINGS IN FAMILIAL AMYLOID POLYNEUROPATHY
T. Sawayama, T. Kurihara, and S. Araki 1288
ASSOCIATION OF SECUNDUM ATRIAL SEPTAL DEFECT AND ATRIOVENTRICULAR NODAL DYSFUNCTION. A GENETICALLY TRANSMITTED SYNDROME
B. J. Maron, J. S. Borer, S. H. Lau, A. N. Damato, L. P. Scott, and S. E. Epstein 1293
NAIL HAEMORRHAGES Donald Heath and David Reid Williams 1300
INCIDENCE OF THYROID DISEASE IN CASES OF HYPERTROPHIC CARDIOMYOPATHY
R. Bell, P. V. Barber, C. L. Bray, and D. C. Beton 1306
SEVERE PULMONARY HYPERTENSION IN ADVANCED AORTIC VALVE DISEASE
B. Basu, G. Cherian, S. Krishnaswami, I. P. Sukumar, and S. John 1310
CASE REPORTS 1314, 1317, 1321

Number 12

EDITORIAL: WHAT TO CALL ARRHYTHMIAS? Dennis Krikler 1325
REGIONAL LEFT VENTRICULAR WALL MOVEMENT IN HYPERTROPHIC CARDIOMYOPATHY
D. G. Gibson, J. E. Sanderson, T. A. Traill, D. J. Brown, and J. F. Goodwin 1327
ANALYSIS OF REGIONAL LEFT VENTRICULAR WALL MOVEMENT BY PHASED ARRAY ECHOCARDIOGRAPHY
D. G. Gibson, D. J. Brown, and R. B. Logan-Sinclair 1334
A METHOD FOR PRAECORDIAL SURFACE MAPPING OF THE EXERCISE ELECTROCARDIOGRAM
K. M. Fox, A. P. Selwyn, and J. P. Shillingford 1339
EFFECTS OF RECORDING SPEED ON PRECISION OF TIME-BASED POLYCARDIOGRAPHIC MEASUREMENTS. OPTIMAL PAPER SPEEDS FOR MEASURING POINTS AND INTERVALS
D. H. Spodick, H. G. Ball, and Veronica M. Pigott 1344
AGE-ASSOCIATED DECREASE IN VENTRICULAR RESPONSE TO HAEMODYNAMIC STRESS DURING BETA-ADRENERGIC BLOCKADE
F. C. P. Yin, G. S. Raizes, T. Guarnieri, H. A. Spurgeon, E. G. Lakatta, N. J. Fortuin, and M. L. Weisfeldt 1349
EFFECT ON SURVIVAL AFTER MYOCARDIAL INFARCTION OF LONG-TERM TREATMENT WITH PHENYTOIN
T. Peter, D. Ross, Anne Duffield, M. Luxton, R. Harper, D. Hunt, and G. Sloman 1356

Number 12—(*continued*) page

Comparative Effect of Nadolol and Propranolol on Exercise Tolerance in Patients with Angina Pectoris
Gail G. Turner, R. R. Nelson, L. A. Nordstrom, H. C. Diefenthal, and F. L. Gobel 1361

Observations on Intravenous Administration of Lignocaine in Patients with Myocardial Infarction
N. P. S. Campbell, J. G. Kelly, A. A. J. Adgey, D. G. McDevitt, and J. F. Pantridge 1371

Atypical Wenckebach Periodicity Simulating Mobitz II AV Block
N. El-Sherif, J. Aranda, B. Befeler, and R. Lazzara 1376

Histopathological Correlates of Sinoatrial Disease
Jean-Claude Demoulin and Henri E. Kulbertus 1384

Continuous Electrode Monitoring of Systolic Time Intervals During Exercise
F. Gollan, P. N. Kizakevich, and Joanne McDermott 1390

Effects of Prostaglandin E_1 on Pulmonary Circulation in Patients with Pulmonary Hypertension J. Szczeklik, J. S. Dubiel, M. Mysik, Z. Pyzik, R. Krol, and T. Horzela 1397

Congenitally Bicuspid Aortic Valves. Clinicogenetic Study of 41 Families
R. Emanuel, R. Withers, Kay O'Brien, P. Ross, and Özgen Feizi 1402

Tricuspid Atresia. Clinical Course in 62 Cases (1967-1974)
R. Patel, K. Fox, J. F. N. Taylor, and G. R. Graham 1408

Plasma Renin Activity in Coarctation of the Aorta Before and After Surgical Correction
F. Fallo, D. Armanini, I. Maragno, and F. Mantero 1415

Case Reports 1419, 1423, 1426

Correspondence 1429

Notice 1430

Index 1431

Printed in England by Eyre & Spottiswoode Ltd, Thanet Press, Margate, Kent